

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136627.D
 Acq On : 18 Dec 2023 21:48
 Operator : CG\JU
 Sample : 05485-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-14-STOCKPILE-BIN-5MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/19/2023

Quant Time: Dec 19 01:07:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 00:56:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	73500	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	242352	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	105810	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	215134	20.000	ng	0.00
76) Chrysene-d12	13.974	240	180032	20.000	ng	0.00
86) Perylene-d12	15.457	264	131746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	443039	89.019	ng	0.00
7) Phenol-d6	6.439	99	500798	80.651	ng	0.00
23) Nitrobenzene-d5	7.351	82	291773	65.084	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	125607	96.277	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	532779	68.706	ng	0.00
79) Terphenyl-d14	12.910	244	735887	53.876	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	90617	46.033	ng	97
3) Pyridine	3.363	79	208706	43.780	ng	93
4) n-Nitrosodimethylamine	3.328	42	92319	44.574	ng	96
6) Aniline	6.457	93	73558	11.722	ng	# 1
8) 2-Chlorophenol	6.581	128	222357	40.925	ng	99
9) Benzaldehyde	6.339	77	23925	5.378	ng	97
10) Phenol	6.451	94	253326	38.340	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	216984	44.057	ng	96
12) 1,3-Dichlorobenzene	6.734	146	249382	40.814	ng	97
13) 1,4-Dichlorobenzene	6.810	146	253234	40.855	ng	98
14) 1,2-Dichlorobenzene	6.957	146	234937	40.307	ng	98
15) Benzyl Alcohol	6.934	79	163013	39.204	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.069	45	236314	37.307	ng	94
17) 2-Methylphenol	7.051	107	162794	37.087	ng	94
18) Hexachloroethane	7.298	117	76767	35.474	ng	92
19) n-Nitroso-di-n-propyla...	7.198	70	136315	38.056	ng	99
20) 3+4-Methylphenols	7.204	107	205203	37.663	ng	# 79
22) Acetophenone	7.198	105	294949	49.285	ng	94
24) Nitrobenzene	7.369	77	199858	44.317	ng	96
25) Isophorone	7.610	82	354464	44.010	ng	95
26) 2-Nitrophenol	7.686	139	103114	46.509	ng	94
27) 2,4-Dimethylphenol	7.728	122	149283	54.606	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	227171	45.901	ng	98
29) 2,4-Dichlorophenol	7.933	162	155076	42.976	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	183808	43.684	ng	98
31) Naphthalene	8.092	128	577470	43.208	ng	99
32) Benzoic acid	7.845	122	102087m	37.643	ng	
33) 4-Chloroaniline	8.145	127	58072	12.188	ng	98
34) Hexachlorobutadiene	8.204	225	108936	43.685	ng	99
35) Caprolactam	8.498	113	48658	43.787	ng	88
36) 4-Chloro-3-methylphenol	8.633	107	148371	38.725	ng	97
37) 2-Methylnaphthalene	8.780	142	340865	40.090	ng	94
38) 1-Methylnaphthalene	8.880	142	326914	39.183	ng	95
40) 1,2,4,5-Tetrachloroben...	8.945	216	164959	50.111	ng	98
41) Hexachlorocyclopentadiene	8.928	237	11995	9.835	ng	94
43) 2,4,6-Trichlorophenol	9.063	196	99345	46.348	ng	99

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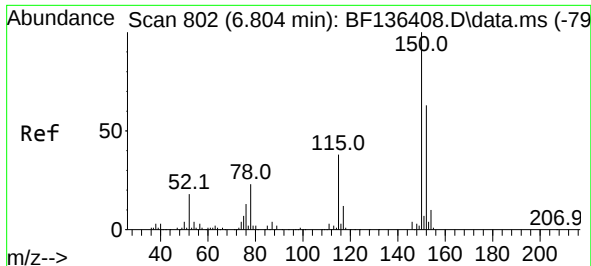
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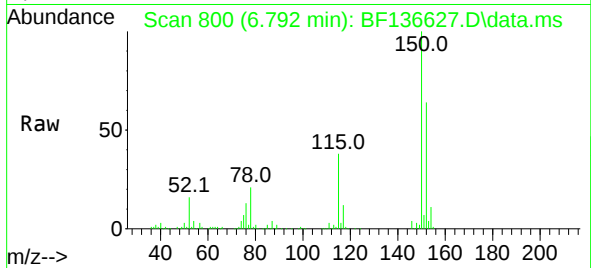
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	104873	43.838	ng	95
46) 1,1'-Biphenyl	9.245	154	425857	47.300	ng	98
47) 2-Chloronaphthalene	9.269	162	315948	45.087	ng	97
48) 2-Nitroaniline	9.369	65	86636	46.097	ng	94
49) Acenaphthylene	9.686	152	486360	48.722	ng	99
50) Dimethylphthalate	9.551	163	362391	46.519	ng	100
51) 2,6-Dinitrotoluene	9.616	165	76748	43.792	ng	# 87
52) Acenaphthene	9.857	154	286244	44.748	ng	93
53) 3-Nitroaniline	9.780	138	63694	35.590	ng	98
54) 2,4-Dinitrophenol	9.892	184	11364	12.825	ng	# 86
55) Dibenzofuran	10.033	168	429341	45.944	ng	96
56) 4-Nitrophenol	9.957	139	135797	101.219	ng	92
57) 2,4-Dinitrotoluene	10.022	165	100669	43.421	ng	# 94
58) Fluorene	10.374	166	344071	45.867	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	90989	47.483	ng	97
60) Diethylphthalate	10.251	149	335321	43.774	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	164759	45.054	ng	95
62) 4-Nitroaniline	10.398	138	75860	42.689	ng	96
63) Azobenzene	10.527	77	297499	42.668	ng	96
65) 4,6-Dinitro-2-methylph...	10.427	198	10700	8.031	ng	95
66) n-Nitrosodiphenylamine	10.486	169	296920	43.012	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	104225	41.669	ng	98
68) Hexachlorobenzene	10.927	284	122559	42.395	ng	# 93
69) Atrazine	11.022	200	102606	52.077	ng	96
70) Pentachlorophenol	11.127	266	136057	83.390	ng	98
71) Phenanthrene	11.345	178	575011	48.628	ng	99
72) Anthracene	11.392	178	581238	48.802	ng	98
73) Carbazole	11.551	167	515163	48.871	ng	98
74) Di-n-butylphthalate	11.886	149	597210	46.214	ng	100
75) Fluoranthene	12.539	202	726814	58.653	ng	98
77) Benzidine	12.663	184	133245	35.261	ng	99
78) Pyrene	12.768	202	756556	42.909	ng	97
80) Butylbenzylphthalate	13.392	149	280381	44.671	ng	96
81) Benzo(a)anthracene	13.962	228	618293	49.304	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	153620	43.691	ng	100
83) Chrysene	14.004	228	574745	46.583	ng	98
84) Bis(2-ethylhexyl)phtha...	13.957	149	396760	51.564	ng	98
85) Di-n-octyl phthalate	14.574	149	657911	57.887	ng	98
87) Indeno(1,2,3-cd)pyrene	16.968	276	394189	43.068	ng	99
88) Benzo(b)fluoranthene	15.021	252	484656	53.804	ng	97
89) Benzo(k)fluoranthene	15.051	252	371848	43.803	ng	98
90) Benzo(a)pyrene	15.392	252	361324	48.571	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	314658	41.964	ng	98
92) Benzo(g,h,i)perylene	17.427	276	313097	40.682	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF136627.D
 Acq: 18 Dec 2023 21:48

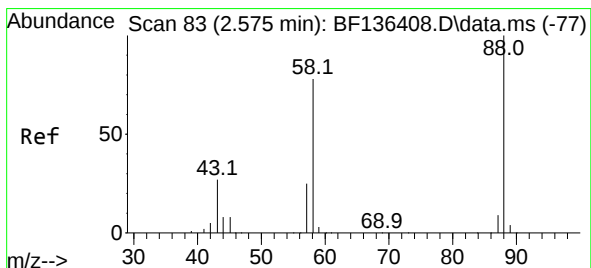
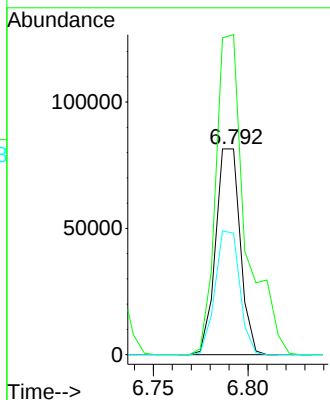
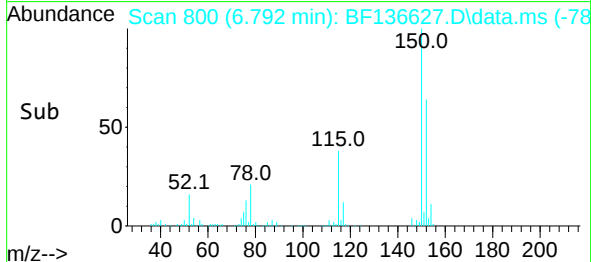
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Tgt Ion:152 Resp: 73500
 Ion Ratio Lower Upper
 152 100
 150 155.5 126.4 189.6
 115 59.0 48.2 72.4

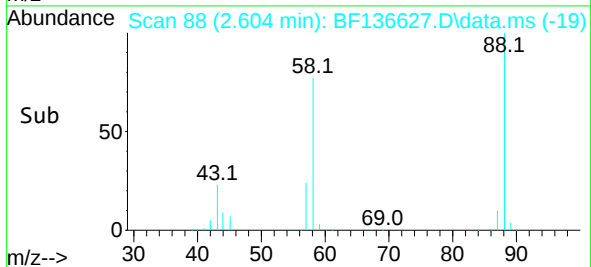
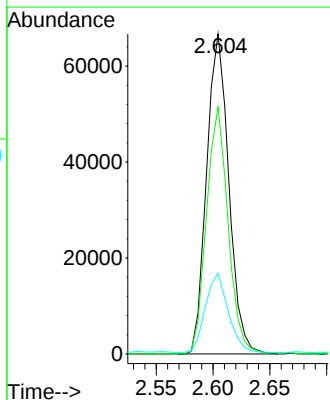
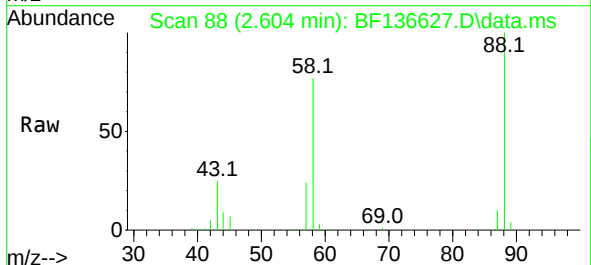
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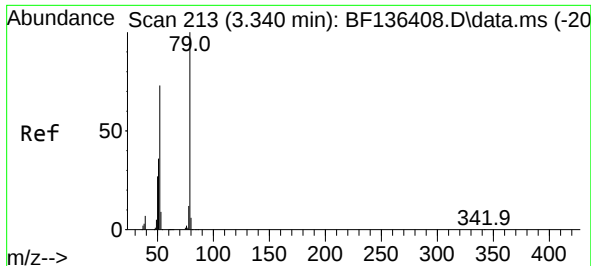
Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/19/2023



#2
 1,4-Dioxane
 Concen: 46.033 ng
 RT: 2.604 min Scan# 88
 Delta R.T. 0.059 min
 Lab File: BF136627.D
 Acq: 18 Dec 2023 21:48

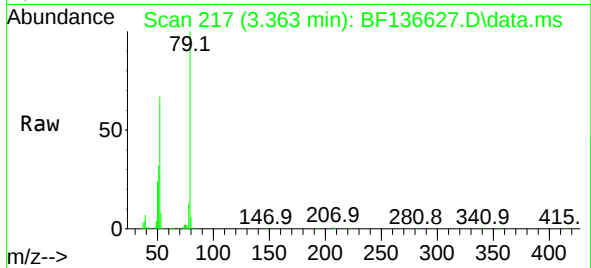
Tgt Ion: 88 Resp: 90617
 Ion Ratio Lower Upper
 88 100
 58 75.2 62.2 93.2
 43 25.8 21.5 32.3





#3
Pyridine
Concen: 43.780 ng
RT: 3.363 min Scan# 211
Delta R.T. 0.059 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

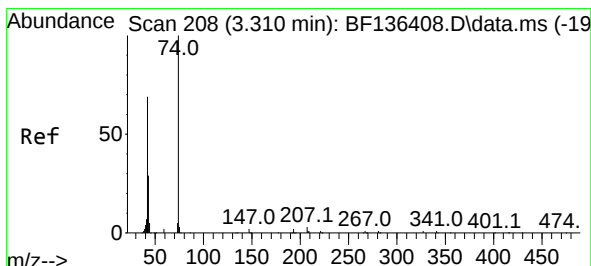
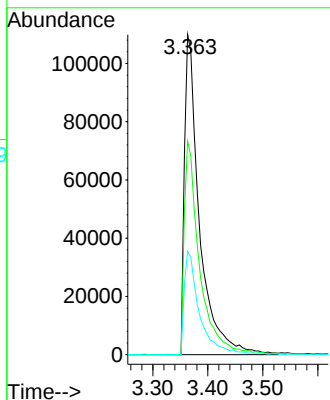
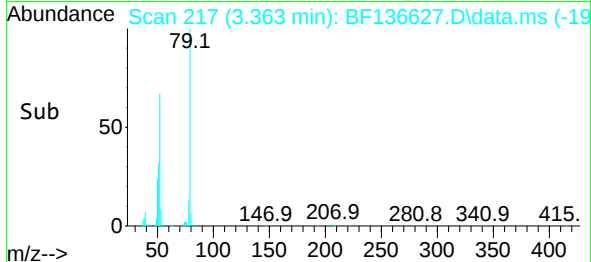
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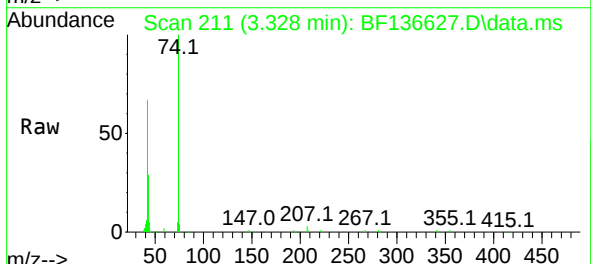
Tgt Ion: 79 Resp: 208700
Ion Ratio Lower Upper
79 100
52 66.7 58.2 87.2
51 32.3 29.1 43.7

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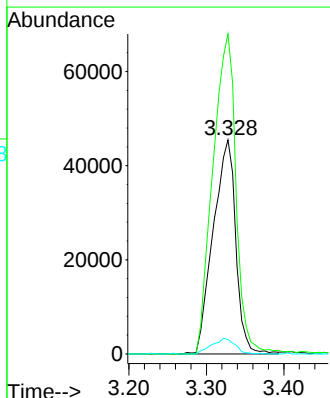
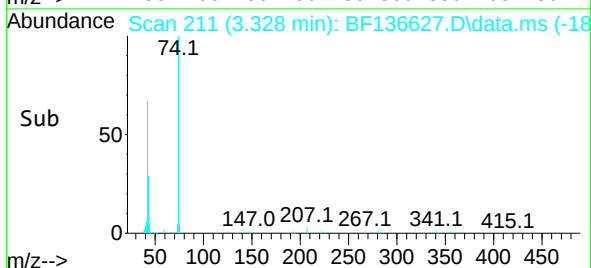
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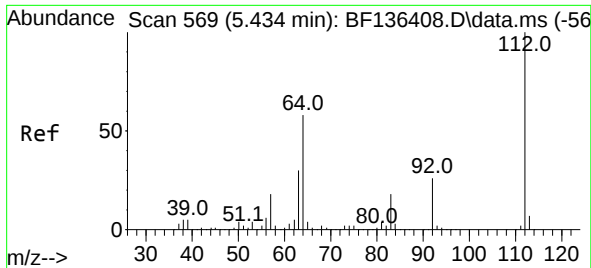


#4
n-Nitrosodimethylamine
Concen: 44.574 ng
RT: 3.328 min Scan# 211
Delta R.T. 0.047 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48



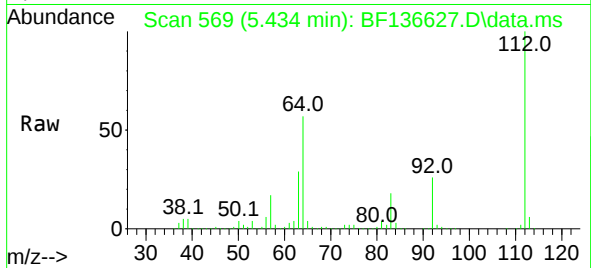
Tgt Ion: 42 Resp: 92319
Ion Ratio Lower Upper
42 100
74 149.5 115.4 173.0
44 6.7 6.2 9.2





#5
2-Fluorophenol
Concen: 89.019 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

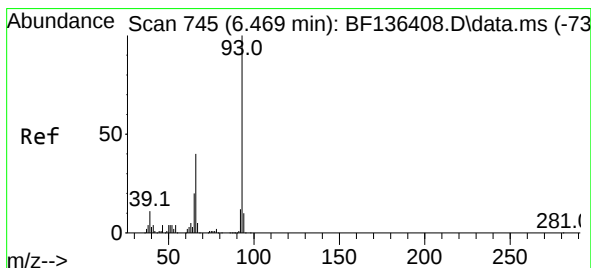
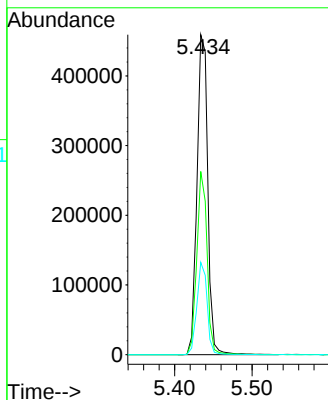
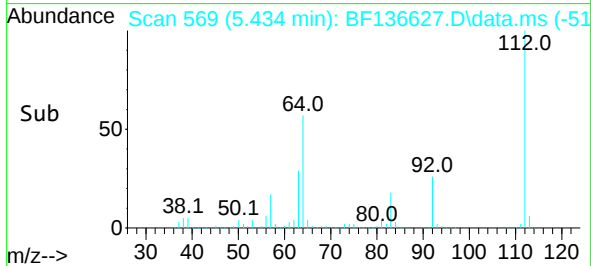
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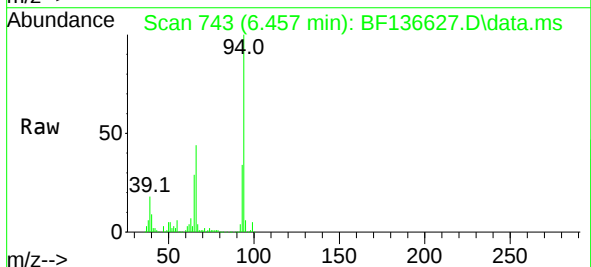
Tgt Ion:112 Resp: 443039
Ion Ratio Lower Upper
112 100
64 57.2 46.5 69.7
63 28.9 23.9 35.9

Manual Integrations
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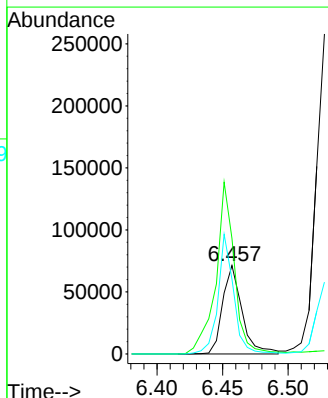
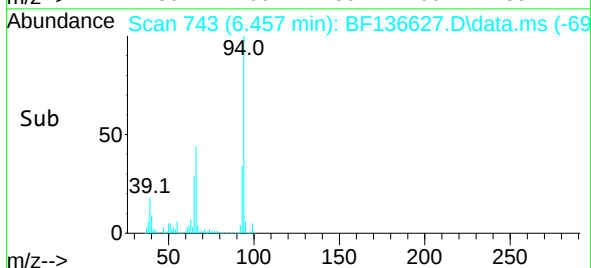
Reviewed By :Yogesh Patel 12/19/2023
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#6
Aniline
Concen: 11.722 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48



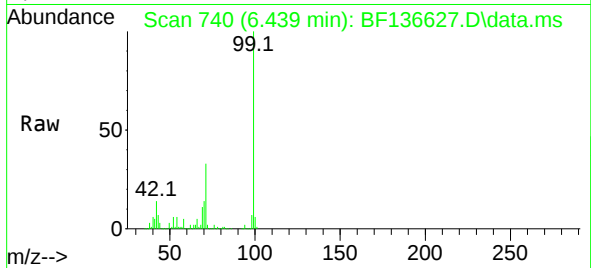
Tgt Ion: 93 Resp: 73558
Ion Ratio Lower Upper
93 100
66 130.5 32.5 48.7#
65 84.6 16.4 24.6#





#7
Phenol-d6
Concen: 80.651 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

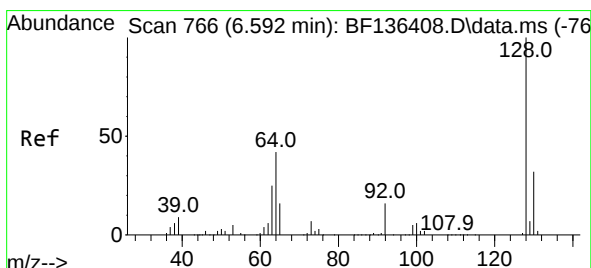
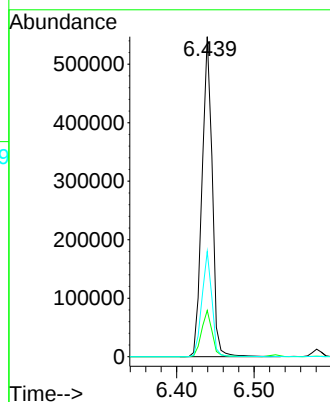
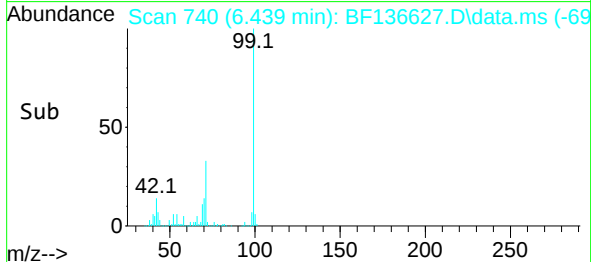
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Tgt Ion: 99 Resp: 500798
Ion Ratio Lower Upper
99 100
42 14.5 12.8 19.2
71 32.8 27.0 40.4

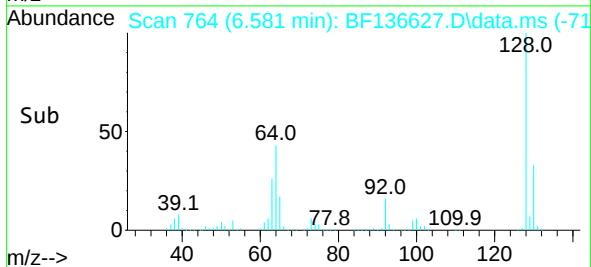
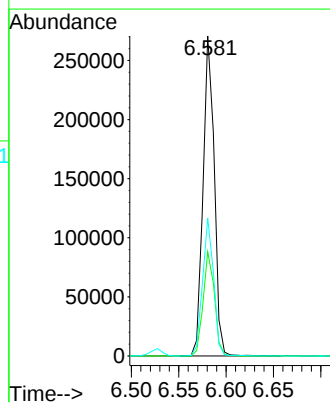
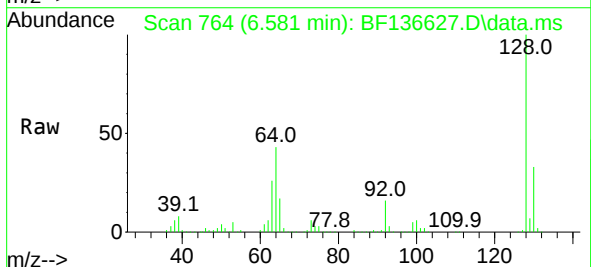
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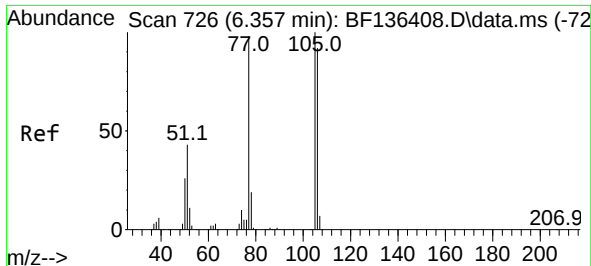
Reviewed By :Yogesh Patel 12/19/2023
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#8
2-Chlorophenol
Concen: 40.925 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

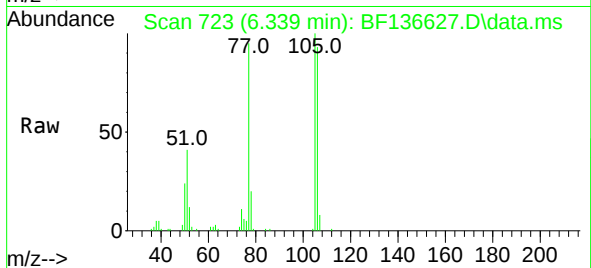
Tgt Ion:128 Resp: 222357
Ion Ratio Lower Upper
128 100
130 32.5 11.7 51.7
64 43.0 22.5 62.5





#9
Benzaldehyde
Concen: 5.378 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

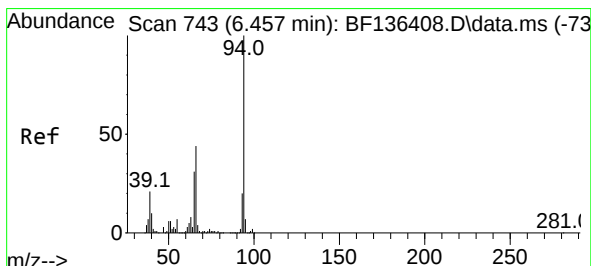
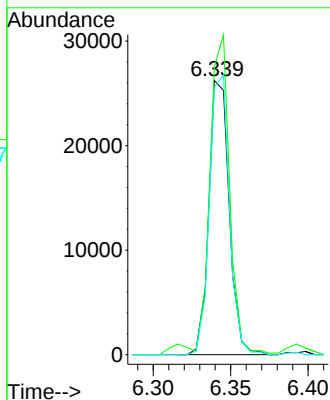
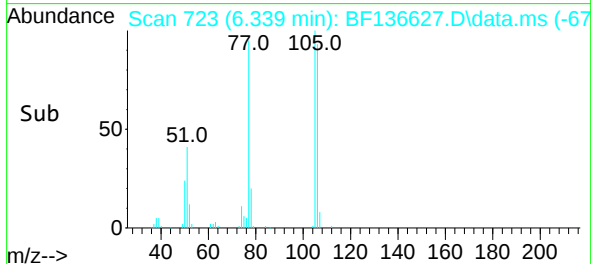
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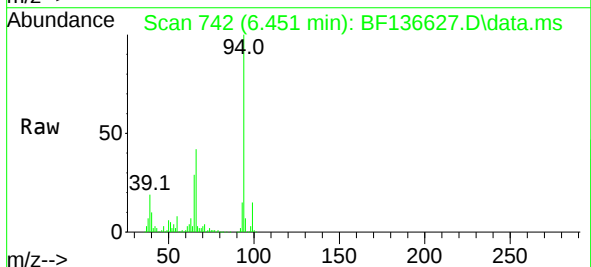
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Ion Ratio Lower Upper
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106 97.4 74.5 114.5

Manual Integrations
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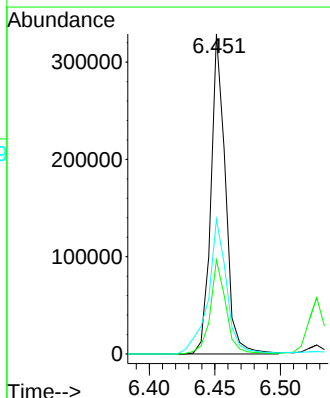
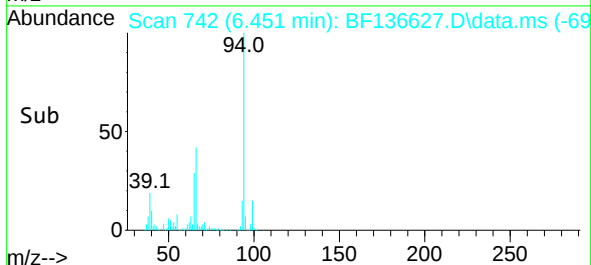
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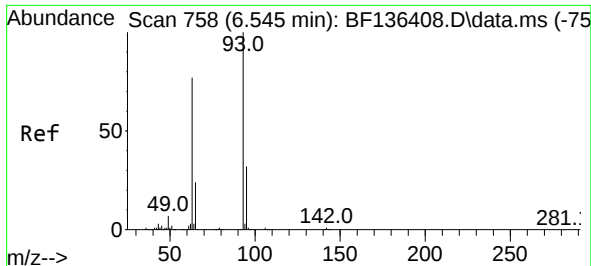


#10
Phenol
Concen: 38.340 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48



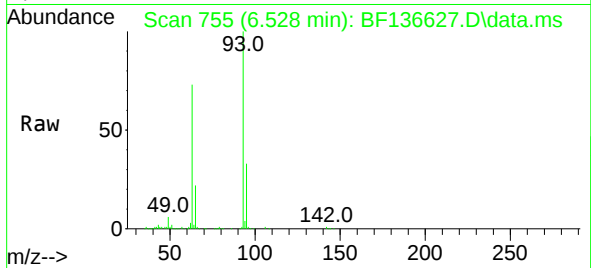
Tgt Ion: 94 Resp: 253326
Ion Ratio Lower Upper
94 100
65 29.3 11.2 51.2
66 42.1 24.2 64.2





#11
bis(2-Chloroethyl)ether
Concen: 44.057 ng
RT: 6.528 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

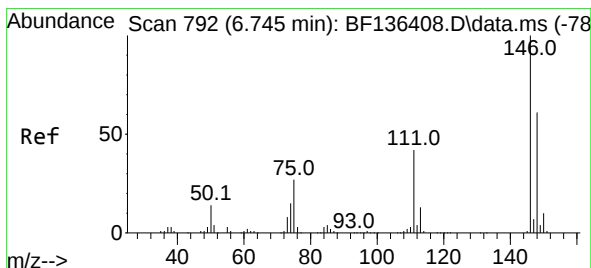
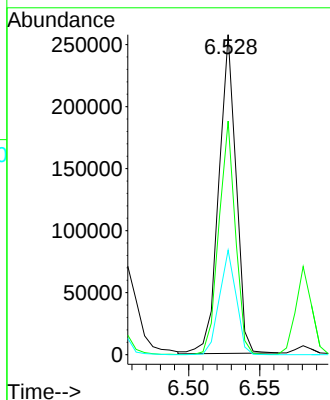
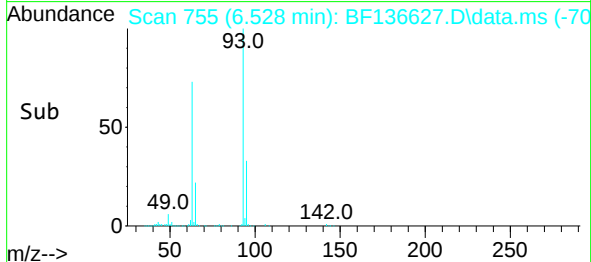
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



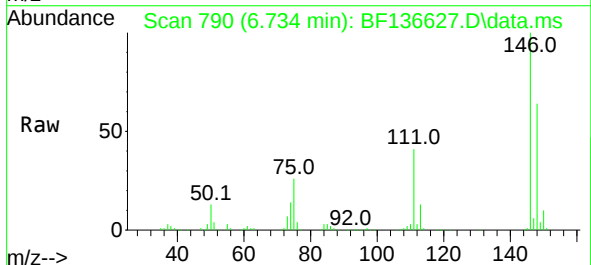
Tgt Ion: 93 Resp: 216984
Ion Ratio Lower Upper
93 100
63 73.0 56.8 96.8
95 32.7 11.8 51.8

Manual Integrations
APPROVED

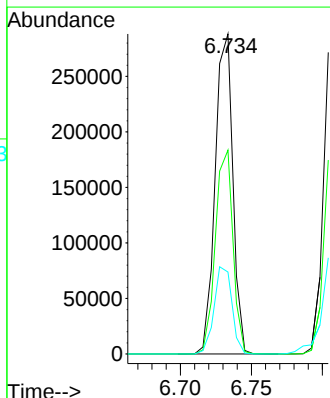
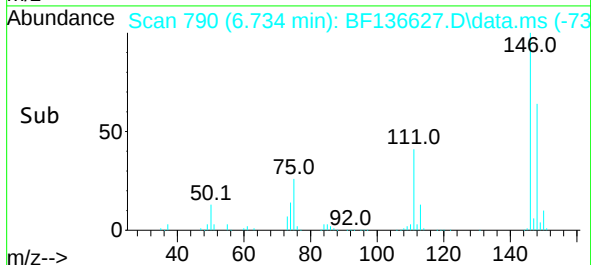
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

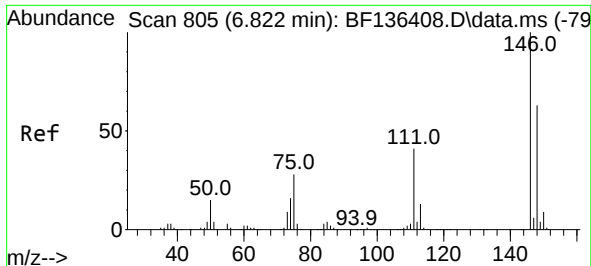


#12
1,3-Dichlorobenzene
Concen: 40.814 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48



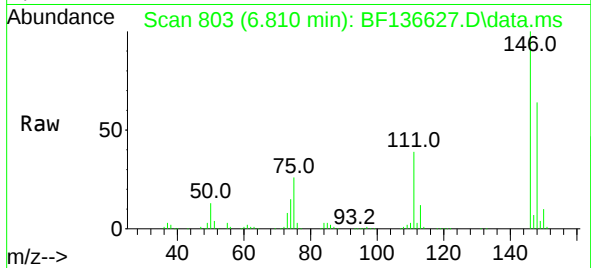
Tgt Ion:146 Resp: 249382
Ion Ratio Lower Upper
146 100
148 63.7 49.0 73.6
75 25.6 21.8 32.6





#13
1,4-Dichlorobenzene
Concen: 40.855 ng
RT: 6.810 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

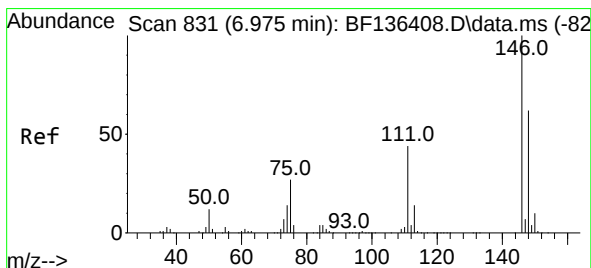
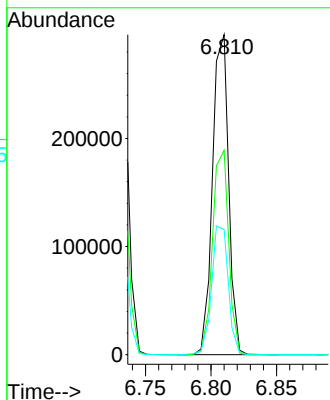
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



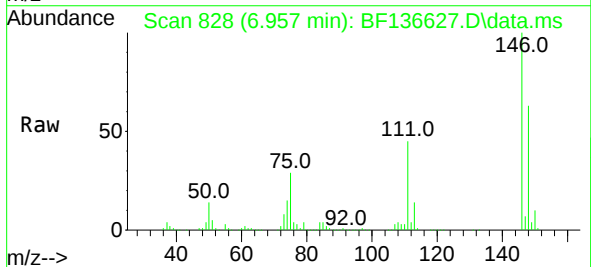
Tgt Ion:146 Resp: 253234
Ion Ratio Lower Upper
146 100
148 63.9 50.3 75.5
111 39.1 32.6 49.0

Manual Integrations
APPROVED

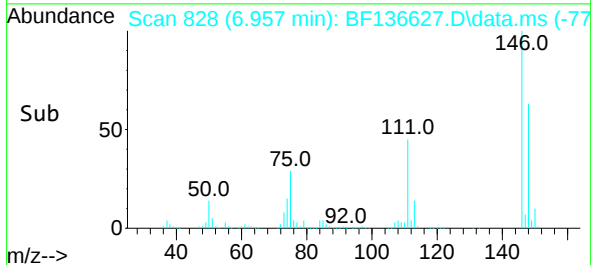
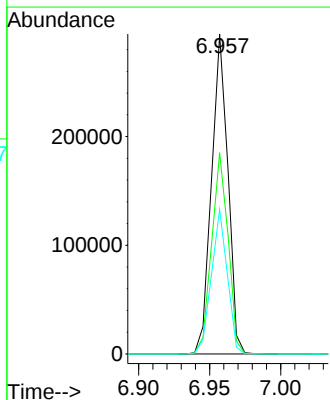
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

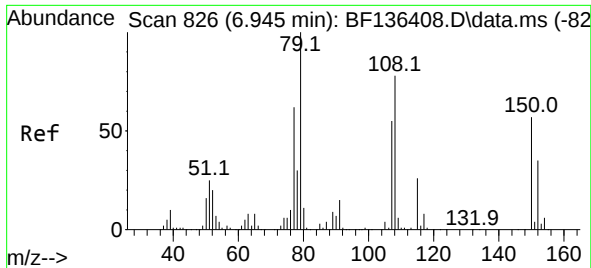


#14
1,2-Dichlorobenzene
Concen: 40.307 ng
RT: 6.957 min Scan# 828
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48



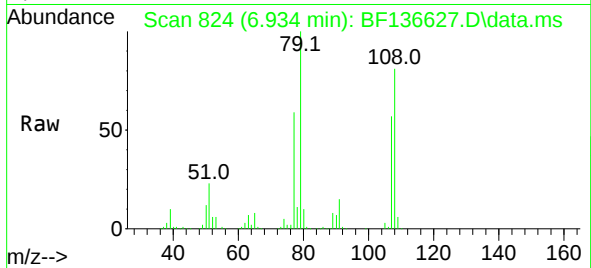
Tgt Ion:146 Resp: 234937
Ion Ratio Lower Upper
146 100
148 62.9 49.8 74.6
111 45.3 34.9 52.3





#15
Benzyl Alcohol
Concen: 39.204 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

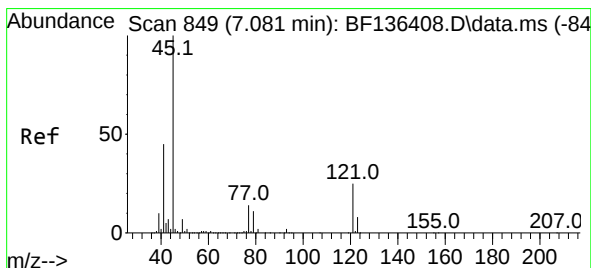
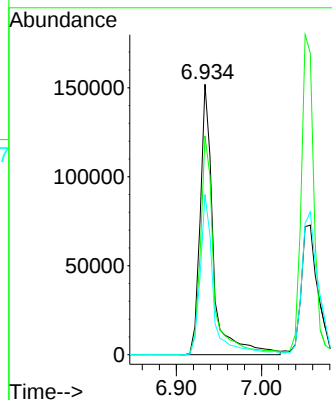
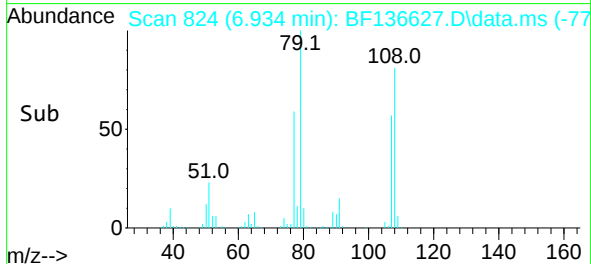
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



Tgt Ion: 79 Resp: 16301
Ion Ratio Lower Upper
79 100
108 80.9 62.3 93.5
77 59.2 49.8 74.8

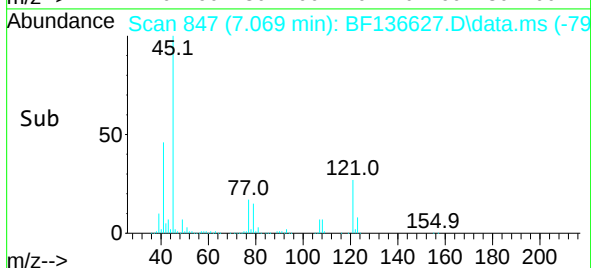
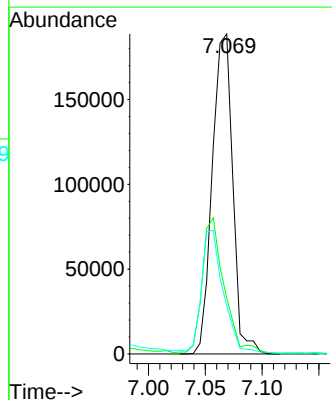
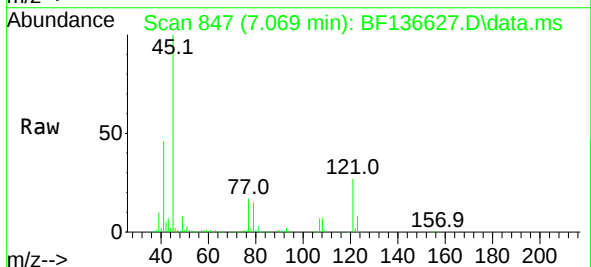
Manual Integrations
APPROVED

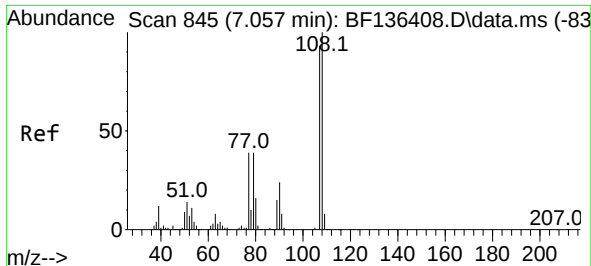
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.307 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

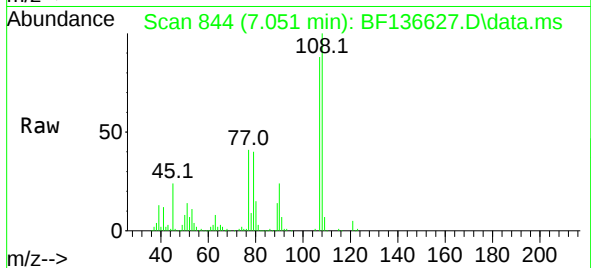
Tgt Ion: 45 Resp: 236314
Ion Ratio Lower Upper
45 100
77 17.5 0.0 35.3
79 15.1 0.0 32.5





#17
2-Methylphenol
Concen: 37.087 ng
RT: 7.051 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

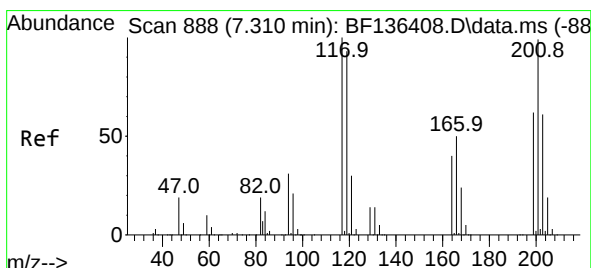
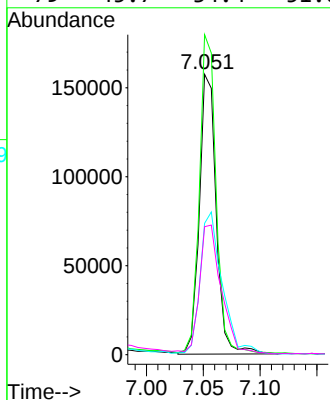
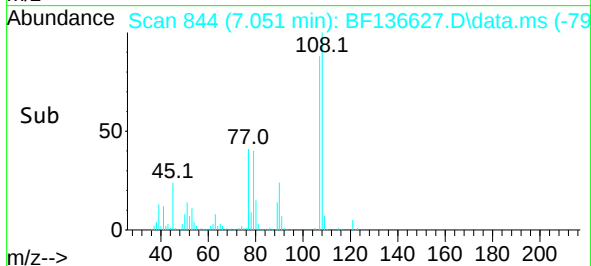
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



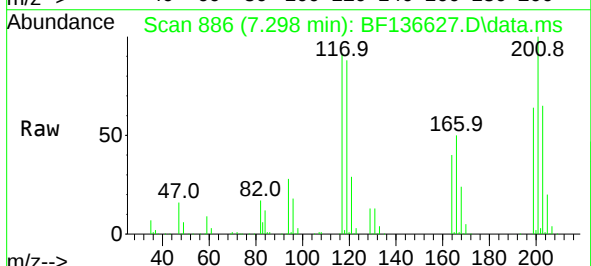
Tgt Ion:	107	Resp:	162794
Ion	Ratio	Lower	Upper
107	100		
108	114.1	86.5	129.7
77	46.8	33.8	50.8
79	45.7	34.4	51.6

Manual Integrations
APPROVED

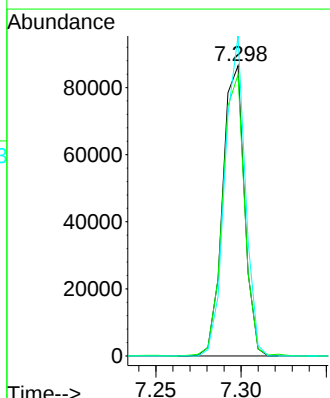
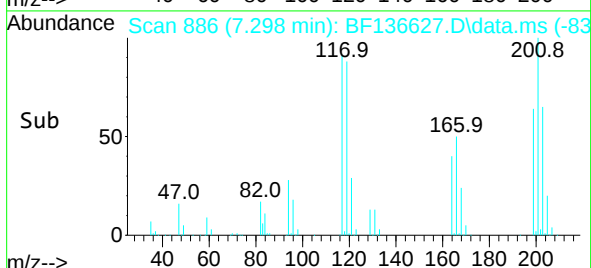
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

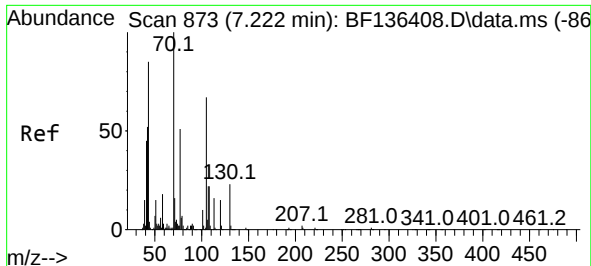


#18
Hexachloroethane
Concen: 35.474 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48



Tgt Ion:	117	Resp:	76767
Ion	Ratio	Lower	Upper
117	100		
119	96.9	74.3	111.5
201	110.2	79.3	118.9





#19

n-Nitroso-di-n-propylamine

Concen: 38.056 ng

RT: 7.198 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF136627.D

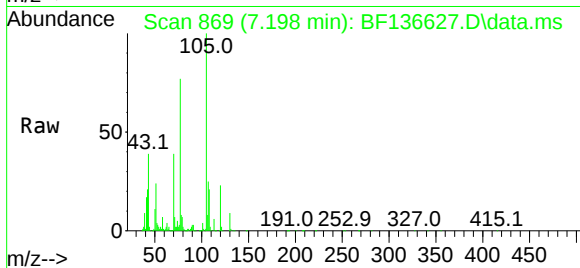
Acq: 18 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS



Tgt Ion: 70 Resp: 13631

Ion Ratio Lower Upper

70 100

42 53.0 41.4 62.0

101 11.1 8.2 12.4

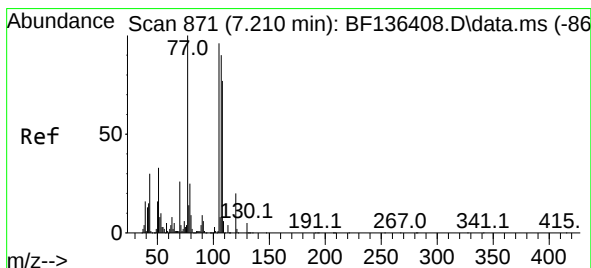
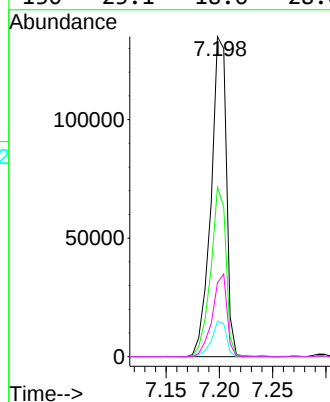
130 23.1 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#20

3+4-Methylphenols

Concen: 37.663 ng

RT: 7.204 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

Tgt Ion:107 Resp: 205203

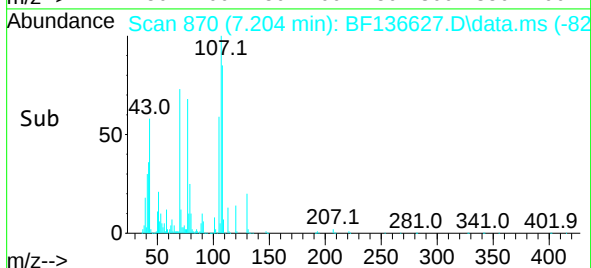
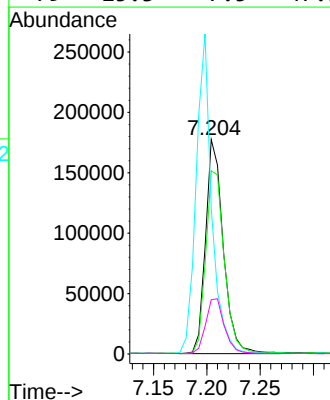
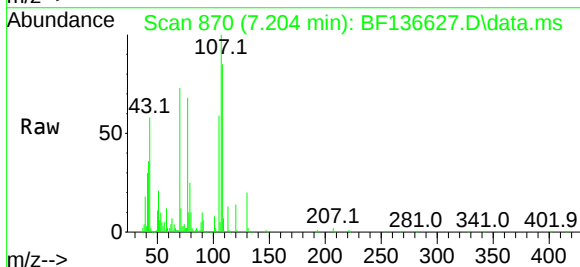
Ion Ratio Lower Upper

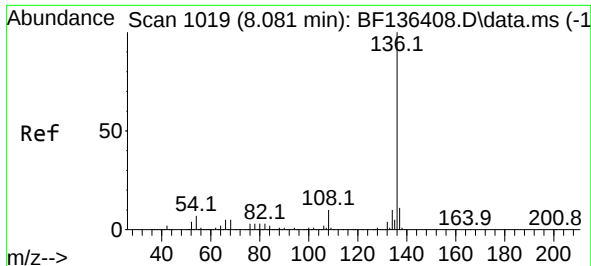
107 100

108 85.4 65.9 105.9

77 67.9 91.7 131.7#

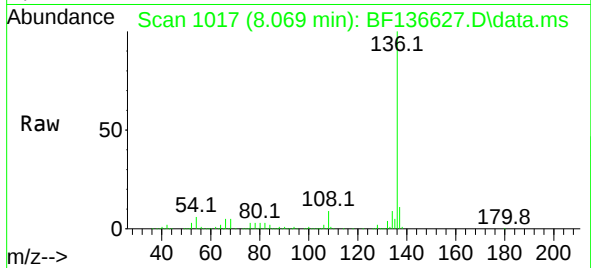
79 25.3 7.5 47.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

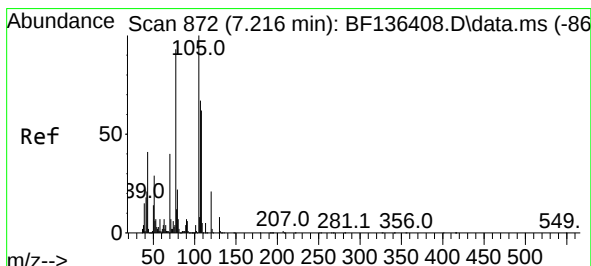
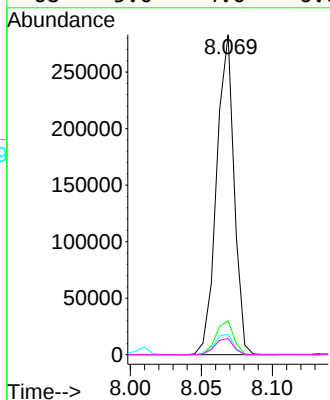
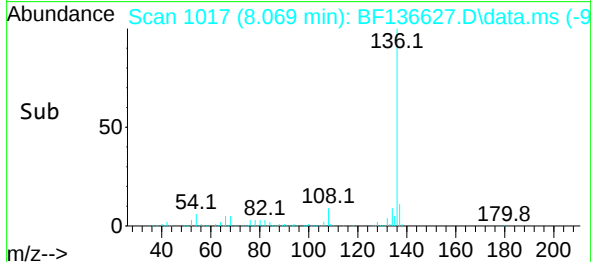
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



Tgt Ion:136 Resp: 242352
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 6.4 5.7 8.5
68 5.0 4.0 6.0

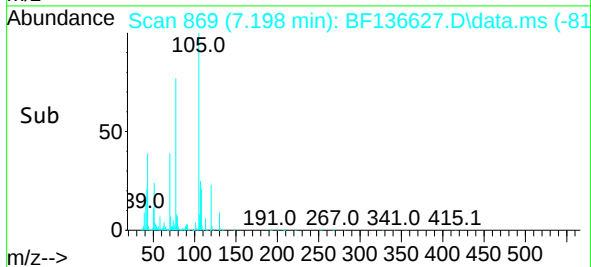
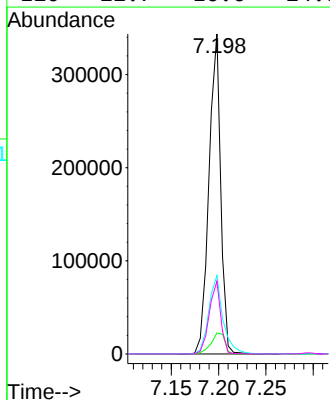
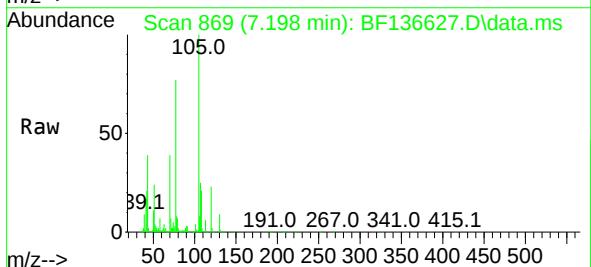
Manual Integrations
APPROVED

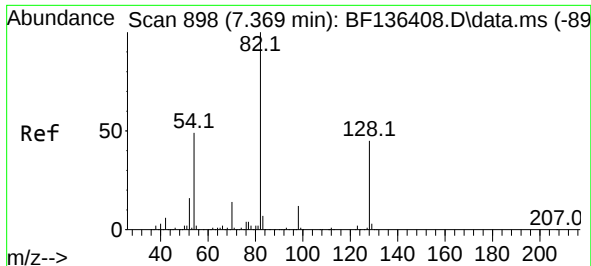
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#22
Acetophenone
Concen: 49.285 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

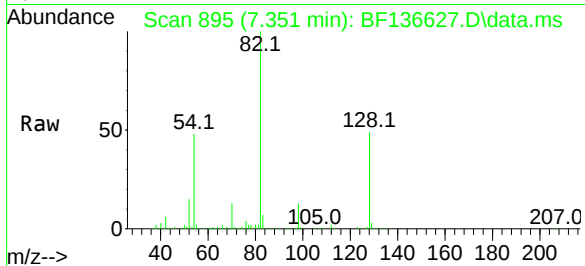
Tgt Ion:105 Resp: 294949
Ion Ratio Lower Upper
105 100
71 6.6 5.4 8.0
51 24.5 23.4 35.2
120 22.7 16.6 24.8





#23
Nitrobenzene-d5
Concen: 65.084 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

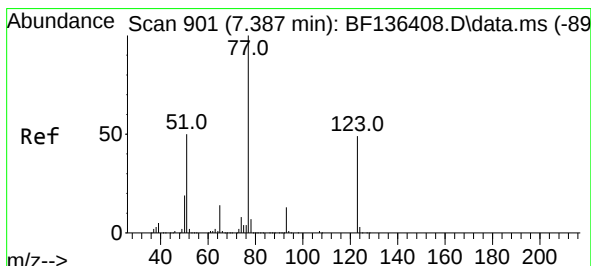
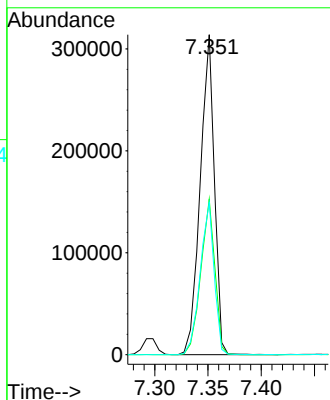
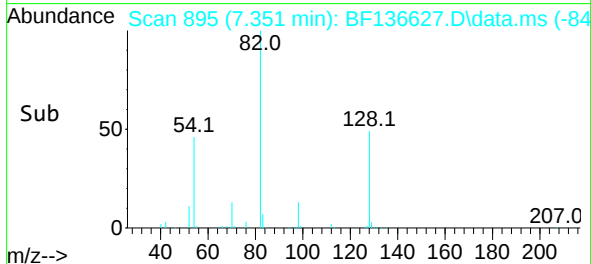
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



Tgt Ion: 82 Resp: 29177
Ion Ratio Lower Upper
82 100
128 48.6 36.3 54.5
54 47.5 39.0 58.6

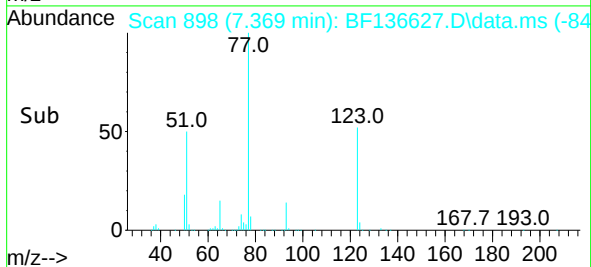
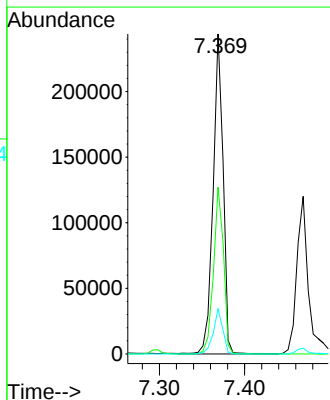
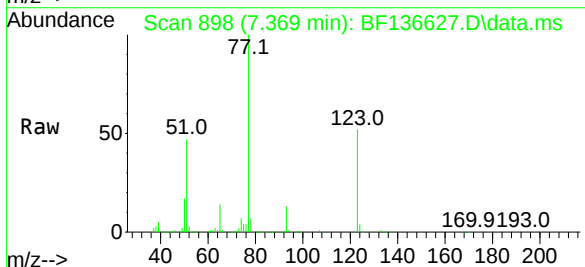
Manual Integrations
APPROVED

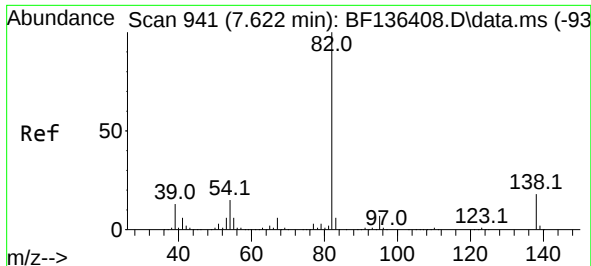
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#24
Nitrobenzene
Concen: 44.317 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

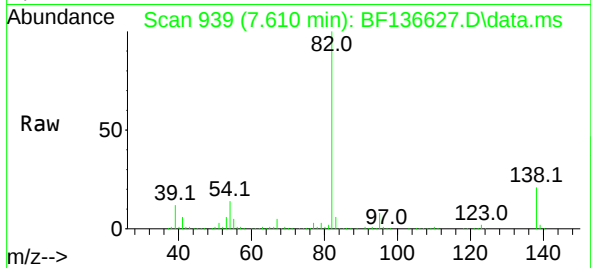
Tgt Ion: 77 Resp: 199858
Ion Ratio Lower Upper
77 100
123 52.1 39.0 58.6
65 14.1 11.3 16.9





#25
Isophorone
Concen: 44.010 ng
RT: 7.610 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

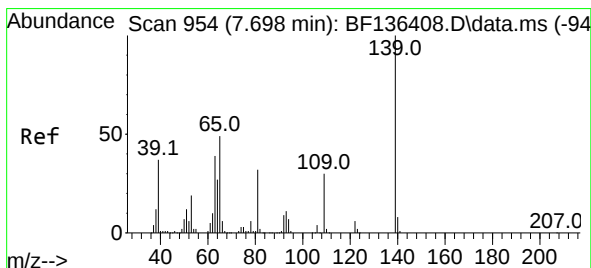
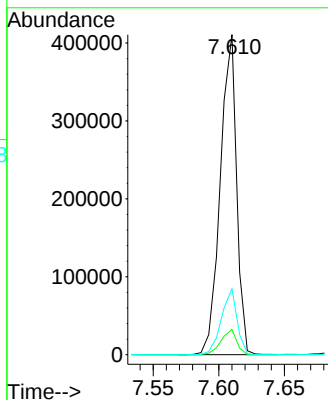
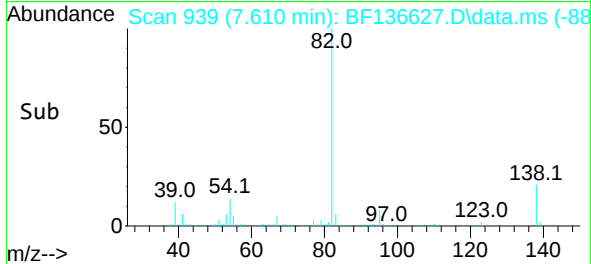
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



Tgt Ion: 82 Resp: 354464
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 20.6 14.5 21.7

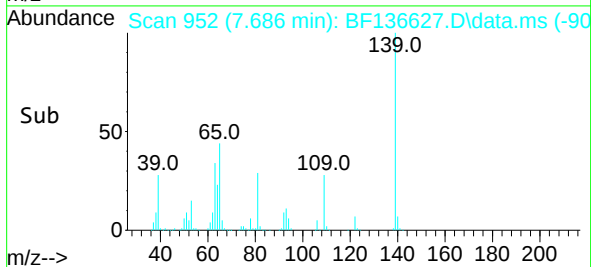
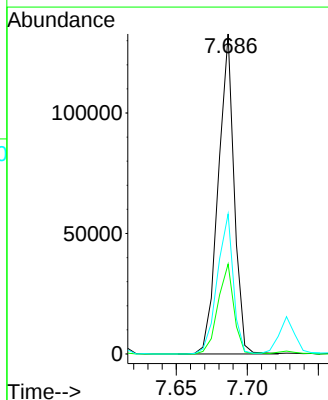
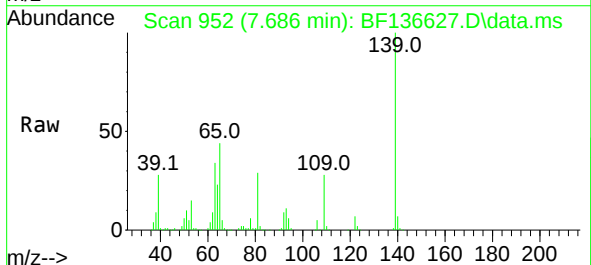
Manual Integrations
APPROVED

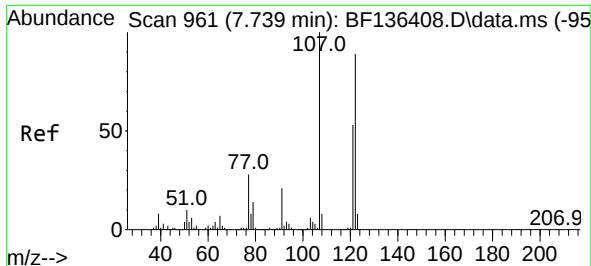
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#26
2-Nitrophenol
Concen: 46.509 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

Tgt Ion:139 Resp: 103114
Ion Ratio Lower Upper
139 100
109 28.1 23.6 35.4
65 43.8 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 54.606 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF136627.D

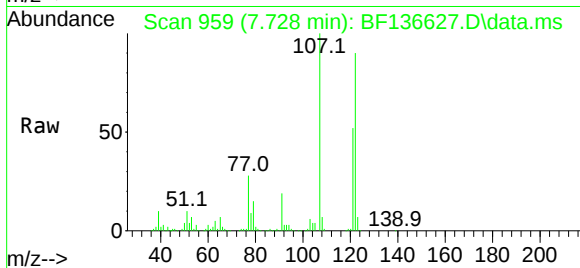
Acq: 18 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS



Tgt Ion:122 Resp: 14928

Ion Ratio Lower Upper

122 100

107 110.6 89.3 133.9

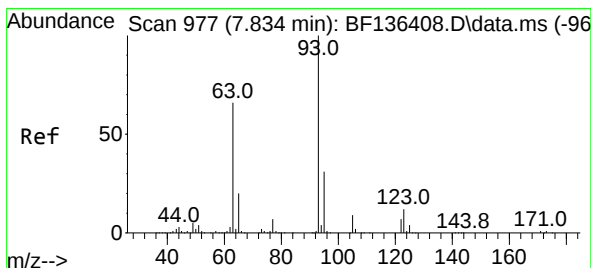
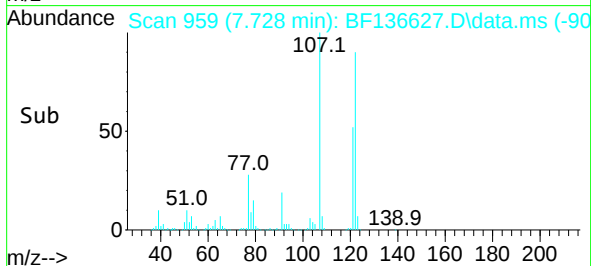
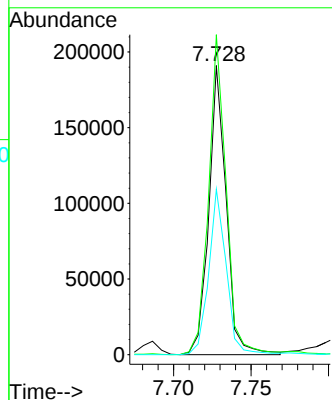
121 57.2 47.6 71.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.901 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

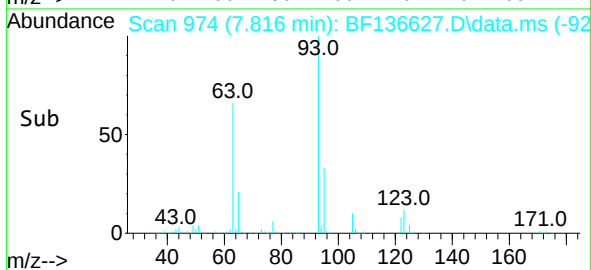
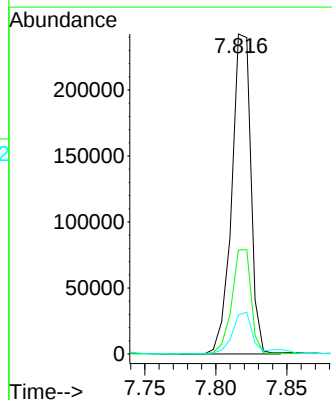
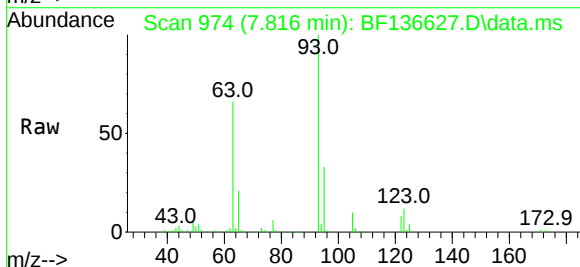
Tgt Ion: 93 Resp: 227171

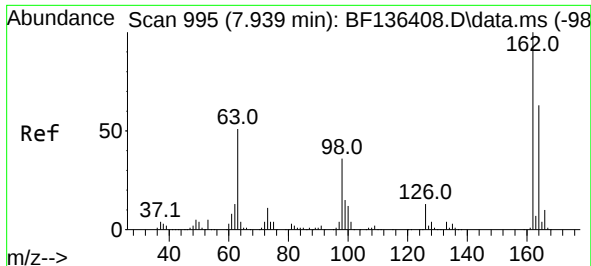
Ion Ratio Lower Upper

93 100

95 32.5 25.0 37.4

123 12.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 42.976 ng

RT: 7.933 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF136627.D

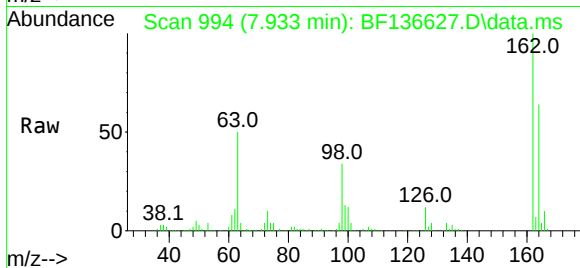
Acq: 18 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS



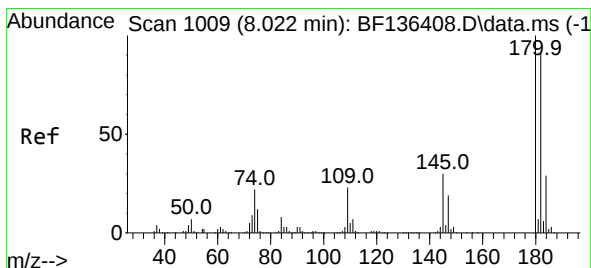
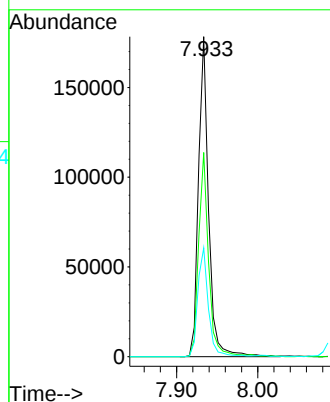
Tgt Ion:162	Resp:	155070
Ion Ratio	Lower	Upper
162	100	
164	63.8	43.0 83.0
98	34.0	16.2 56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.684 ng

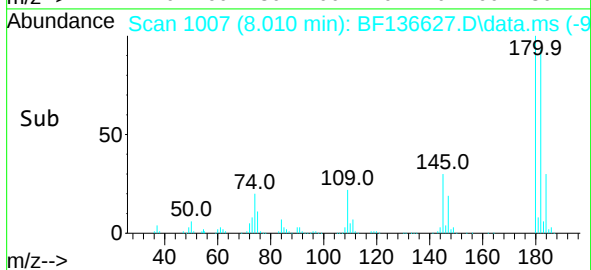
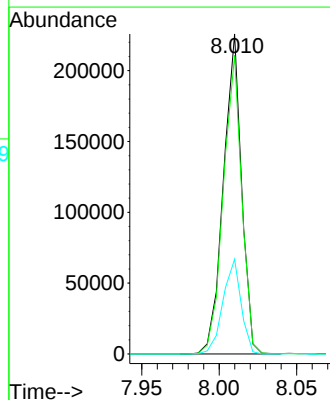
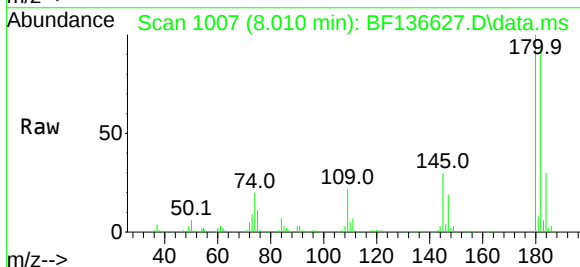
RT: 8.010 min Scan# 1007

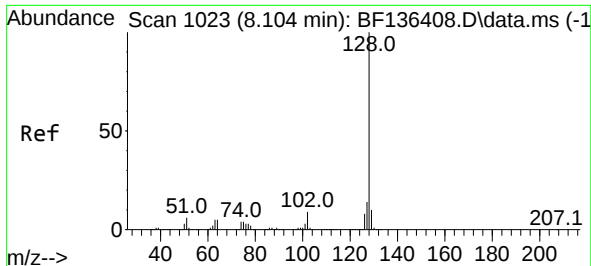
Delta R.T. -0.000 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

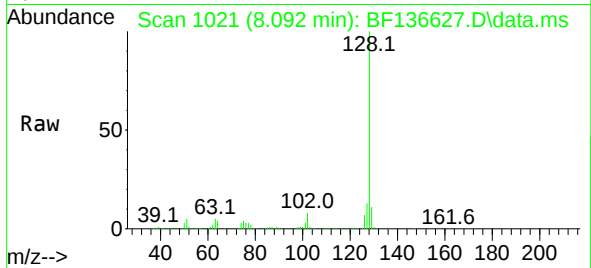
Tgt Ion:180	Resp:	183808
Ion Ratio	Lower	Upper
180	100	
182	93.3	73.1 109.7
145	29.6	23.8 35.8





#31
Naphthalene
Concen: 43.208 ng
RT: 8.092 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

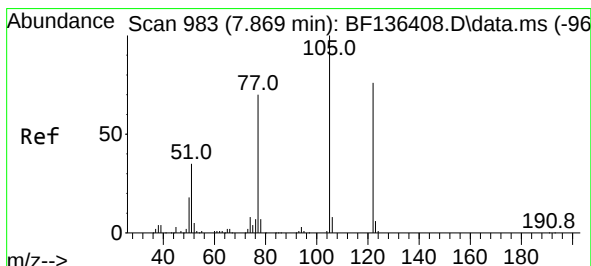
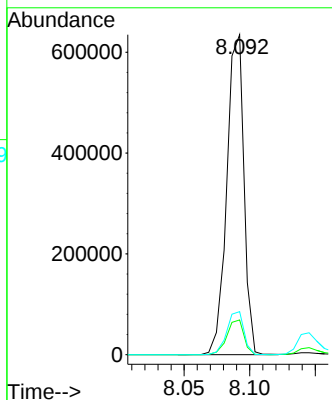
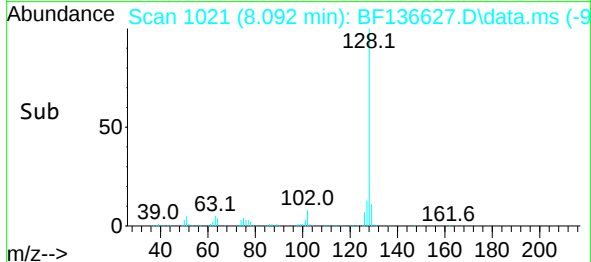
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



Tgt Ion:128 Resp: 577470
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 13.4 11.1 16.7

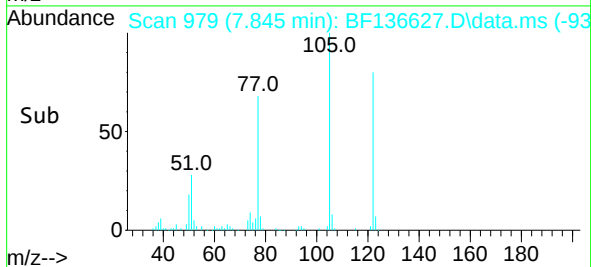
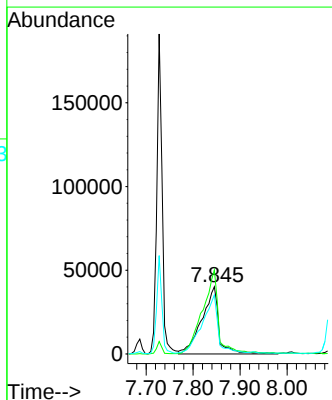
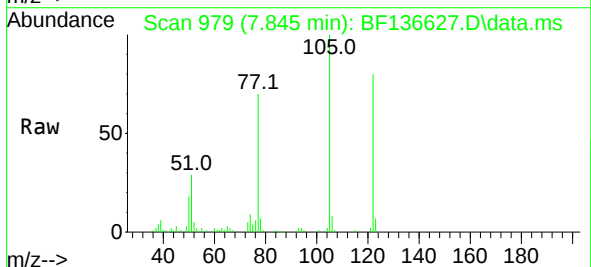
Manual Integrations
APPROVED

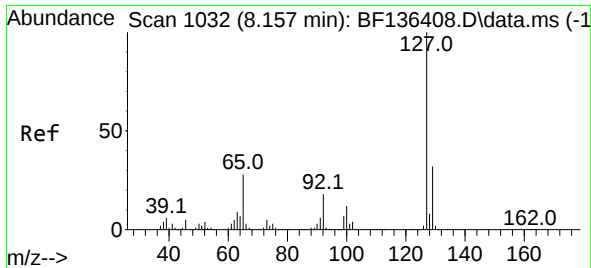
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#32
Benzoic acid
Concen: 37.643 ng m
RT: 7.845 min Scan# 979
Delta R.T. -0.029 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

Tgt Ion:122 Resp: 102087
Ion Ratio Lower Upper
122 100
105 125.0 104.7 144.7
77 87.8 68.5 108.5





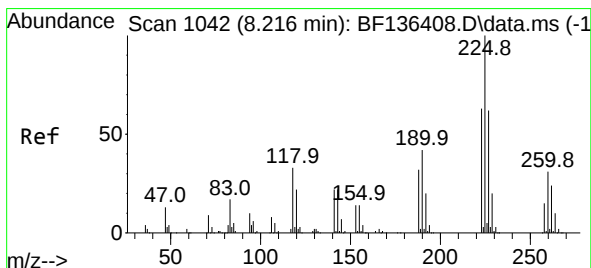
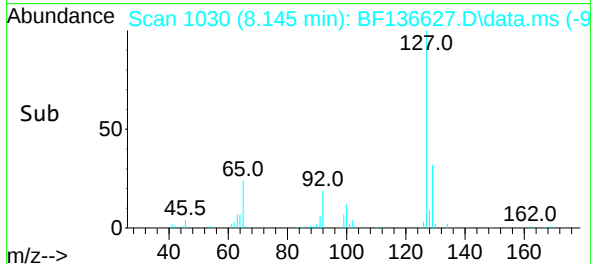
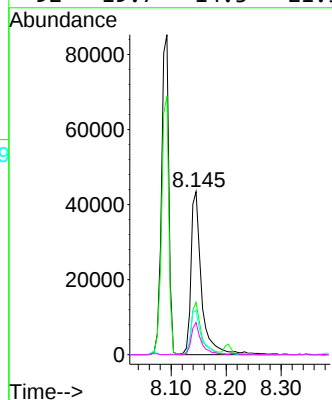
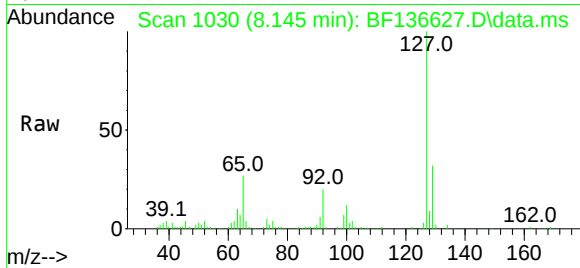
#33
4-Chloroaniline
Concen: 12.188 ng
RT: 8.145 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

Tgt Ion:	127	Resp:	58072
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.4	38.2
65	27.3	22.5	33.7
92	19.7	14.3	21.5

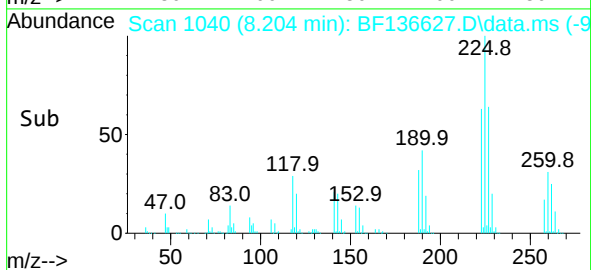
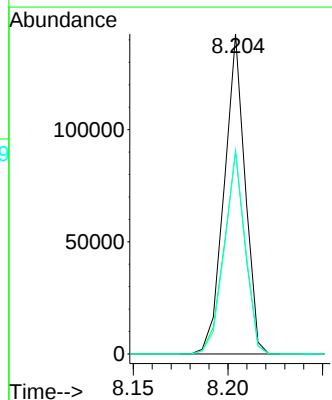
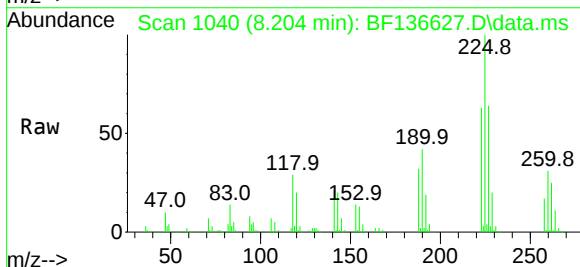
Manual Integrations
APPROVED

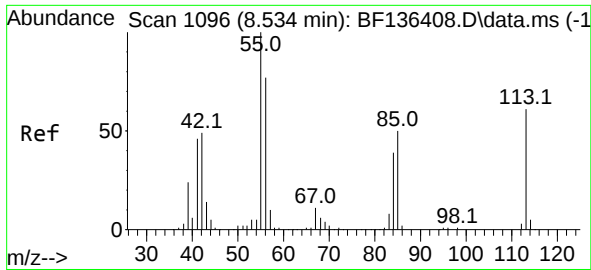
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#34
Hexachlorobutadiene
Concen: 43.685 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

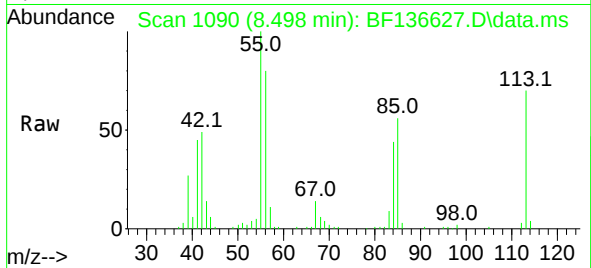
Tgt Ion:	225	Resp:	108936
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.8	76.2
227	63.7	49.8	74.8





#35
Caprolactam
Concen: 43.787 ng
RT: 8.498 min Scan# 1096
Delta R.T. -0.029 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

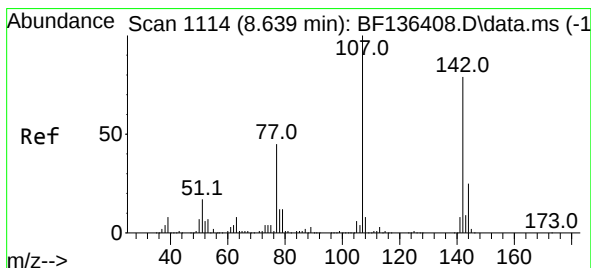
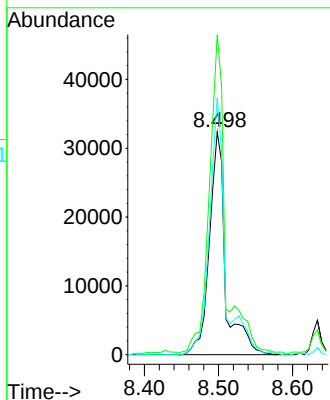
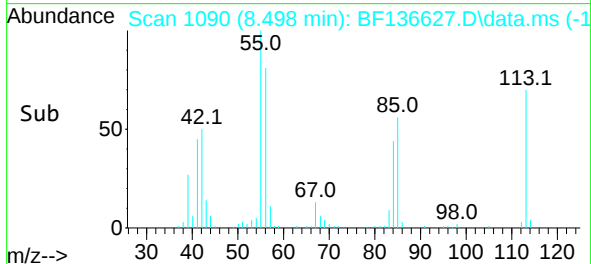
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



Tgt Ion:113 Resp: 48658
Ion Ratio Lower Upper
113 100
55 143.8 143.7 183.7
56 115.4 105.2 145.2

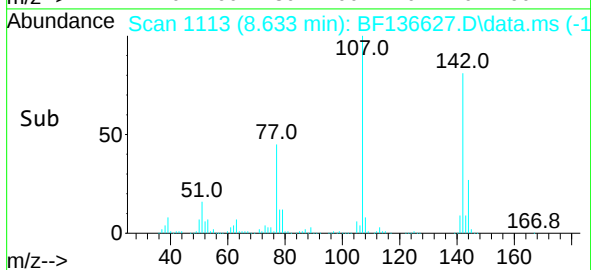
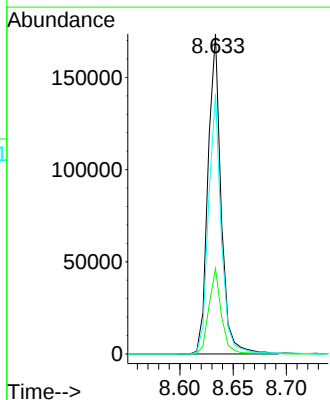
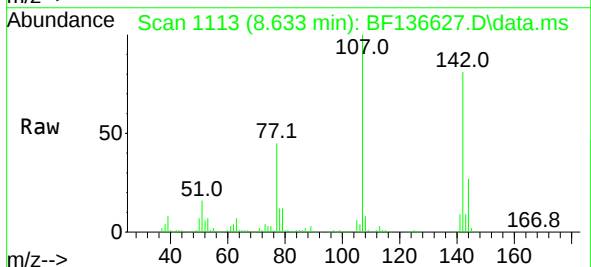
Manual Integrations
APPROVED

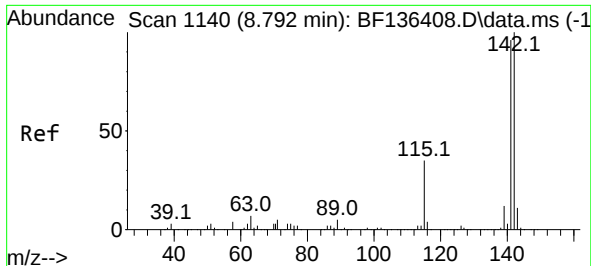
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#36
4-Chloro-3-methylphenol
Concen: 38.725 ng
RT: 8.633 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

Tgt Ion:107 Resp: 148371
Ion Ratio Lower Upper
107 100
144 26.7 20.1 30.1
142 81.3 63.1 94.7





#37

2-Methylnaphthalene

Concen: 40.090 ng

RT: 8.780 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

Tgt Ion:142 Resp: 34086

Ion Ratio Lower Upper

142 100

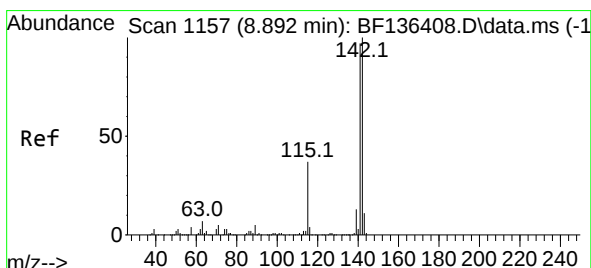
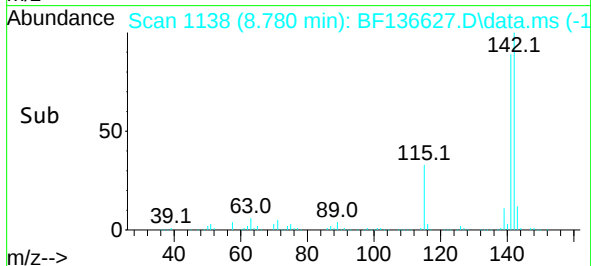
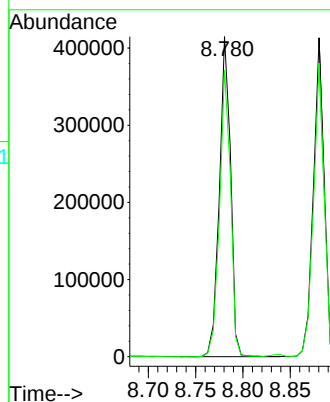
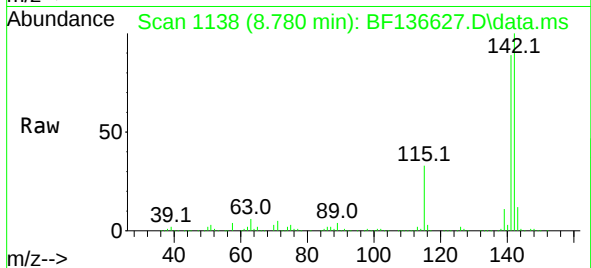
141 89.4 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#38

1-Methylnaphthalene

Concen: 39.183 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF136627.D

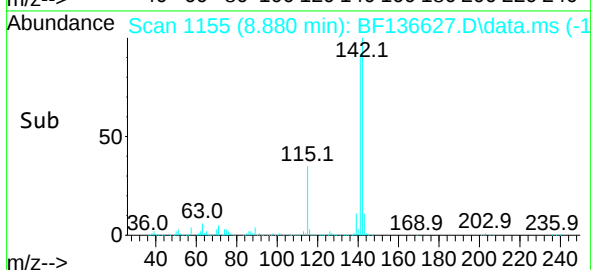
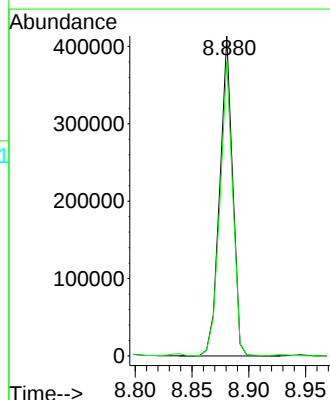
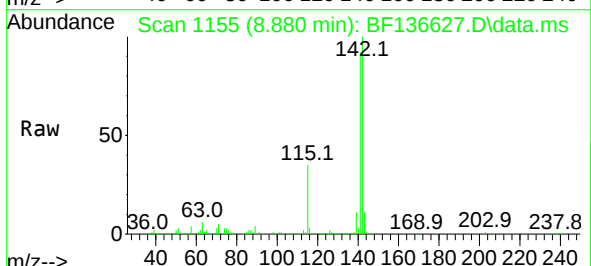
Acq: 18 Dec 2023 21:48

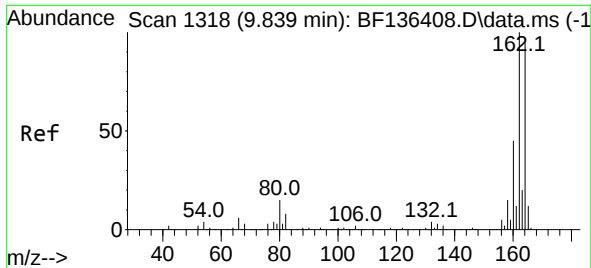
Tgt Ion:142 Resp: 326914

Ion Ratio Lower Upper

142 100

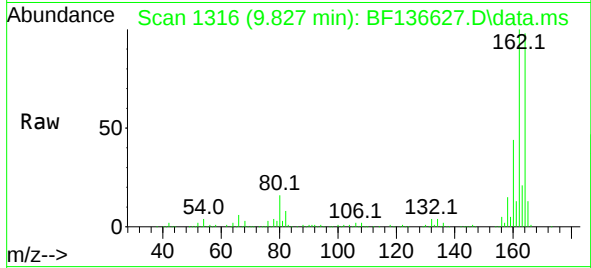
141 92.0 77.7 116.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

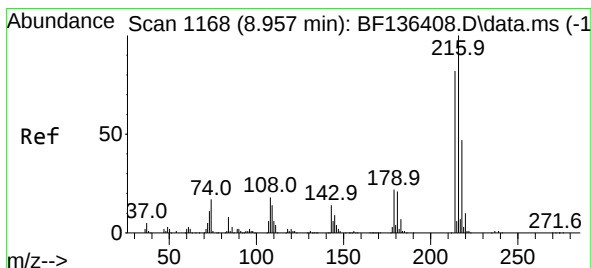
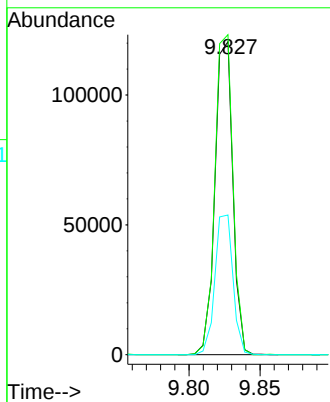
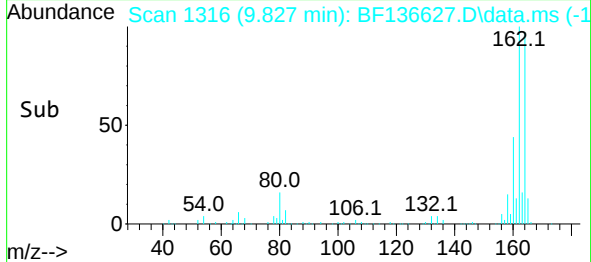
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



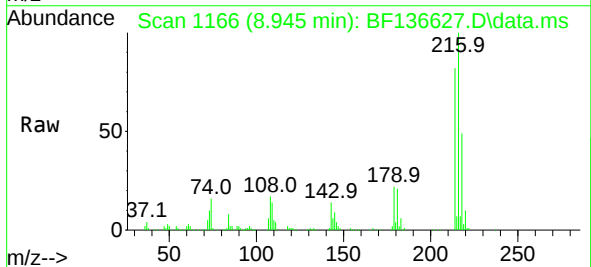
Tgt Ion:164 Resp: 105810
Ion Ratio Lower Upper
164 100
162 102.2 84.4 126.6
160 44.6 37.6 56.4

Manual Integrations
APPROVED

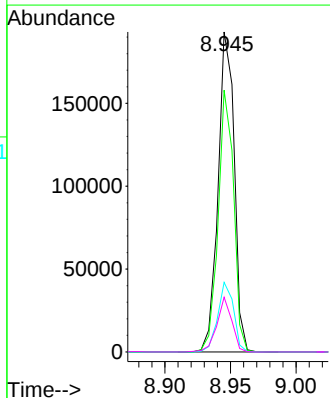
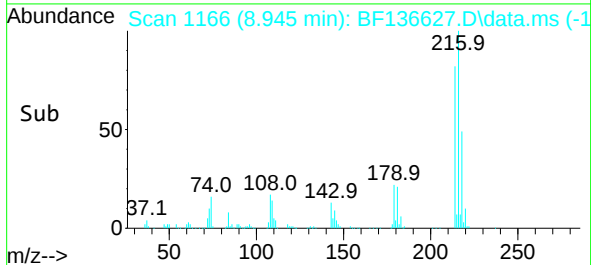
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.111 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48



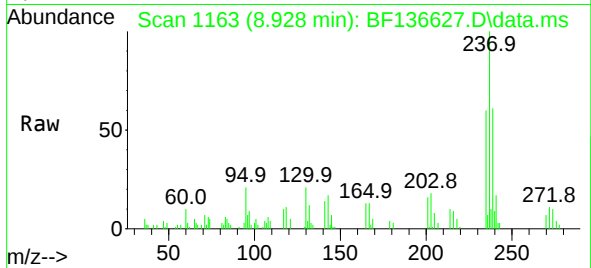
Tgt Ion:216 Resp: 164959
Ion Ratio Lower Upper
216 100
214 78.5 64.1 96.1
179 21.3 17.0 25.6
108 15.8 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 9.835 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

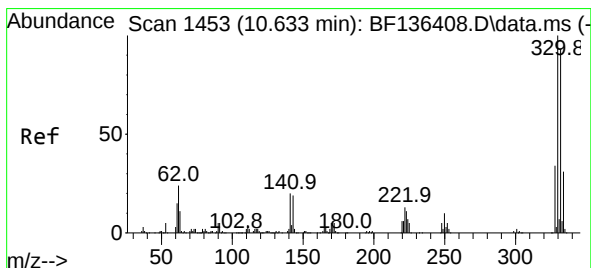
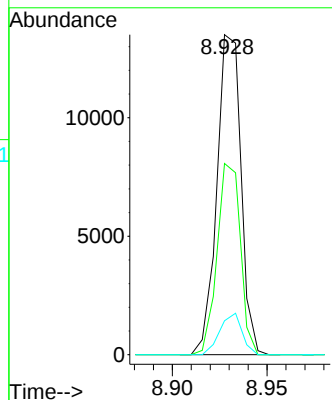
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



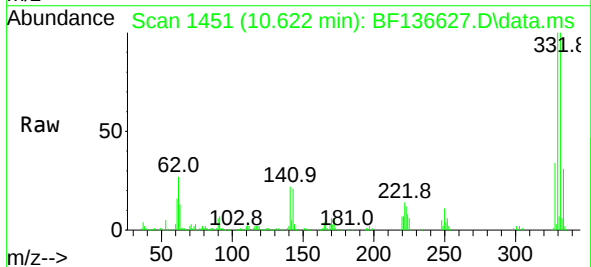
Tgt Ion:237 Resp: 1199
Ion Ratio Lower Upper
237 100
235 59.7 44.1 84.1
272 10.6 0.0 33.3

Manual Integrations
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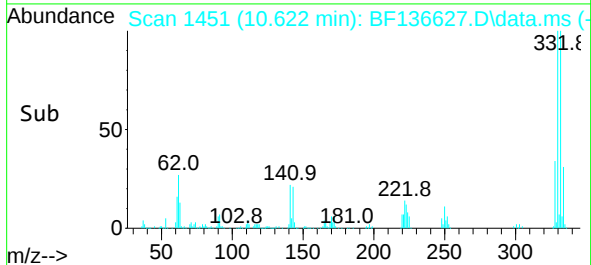
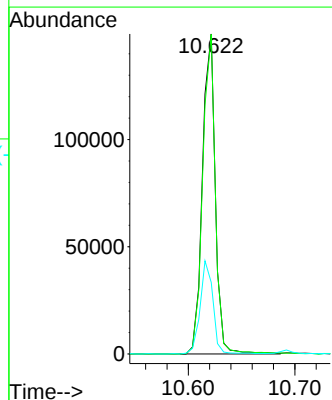
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

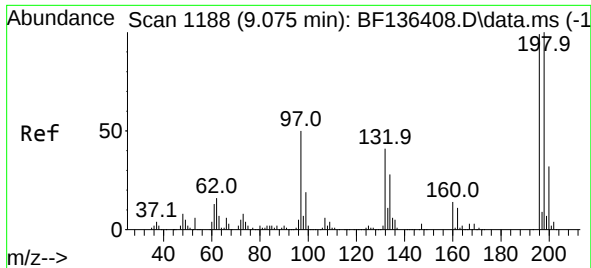


#42
2,4,6-Tribromophenol
Concen: 96.277 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48



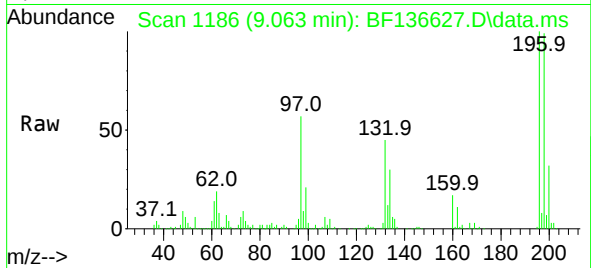
Tgt Ion:330 Resp: 125607
Ion Ratio Lower Upper
330 100
332 98.6 76.4 114.6
141 29.2 23.4 35.2





#43
2,4,6-Trichlorophenol
Concen: 46.348 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

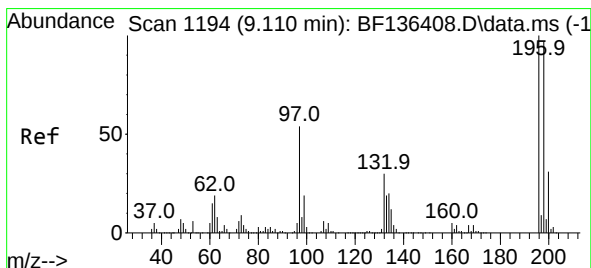
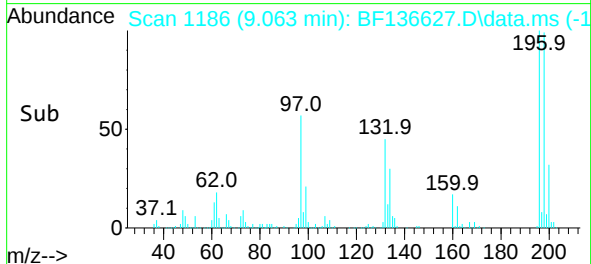
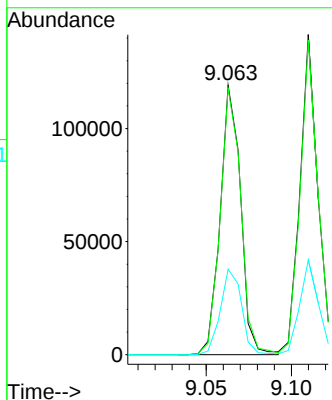
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



Tgt Ion:196 Resp: 99349
Ion Ratio Lower Upper
196 100
198 98.9 80.4 120.6
200 31.8 25.9 38.9

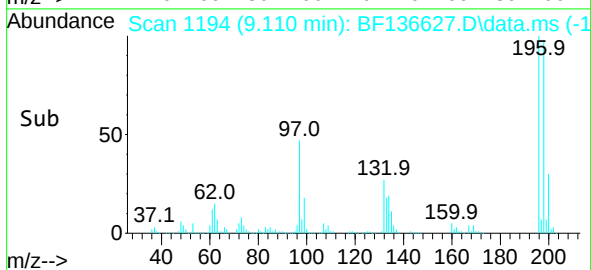
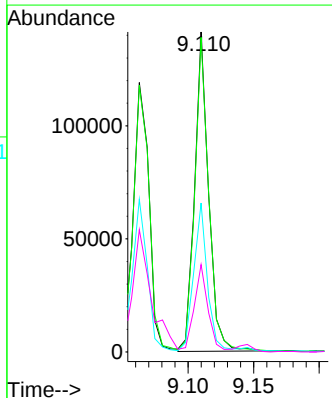
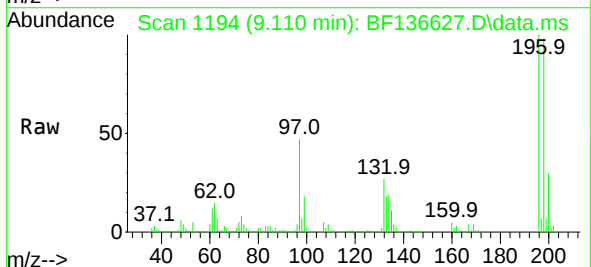
Manual Integrations
APPROVED

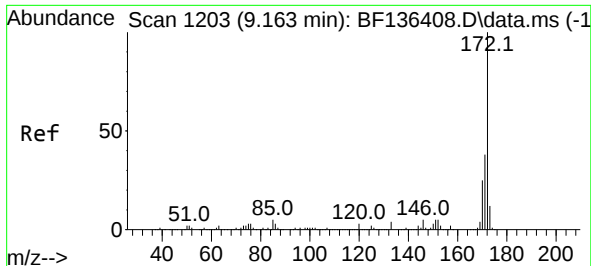
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#44
2,4,5-Trichlorophenol
Concen: 43.838 ng
RT: 9.110 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

Tgt Ion:196 Resp: 104873
Ion Ratio Lower Upper
196 100
198 98.3 78.1 117.1
97 46.6 43.4 65.2
132 27.3 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 68.706 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

Tgt Ion:172 Resp: 532779

Ion Ratio Lower Upper

172 100

171 35.0 30.5 45.7

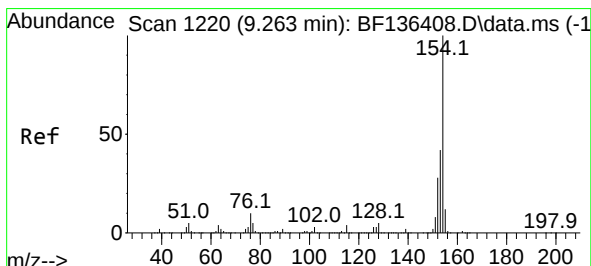
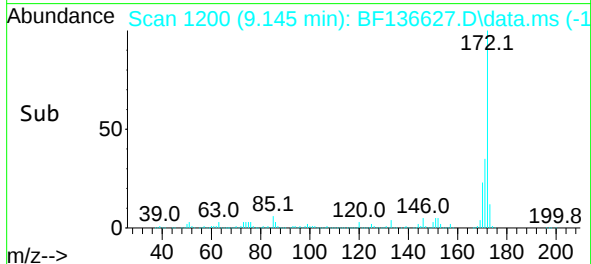
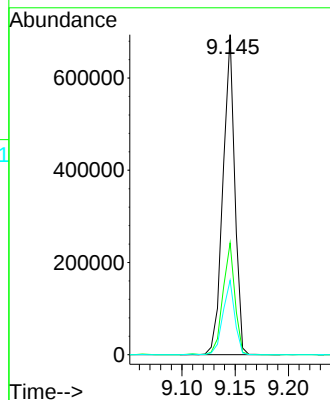
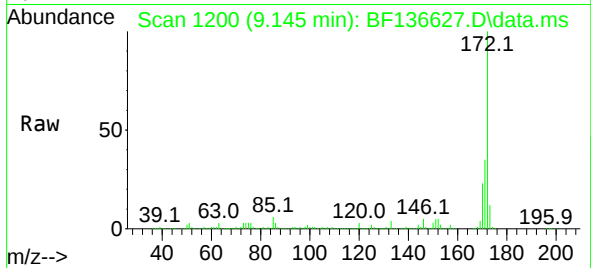
170 23.3 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#46

1,1'-Biphenyl

Concen: 47.300 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

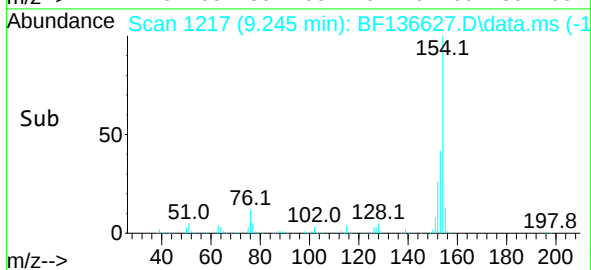
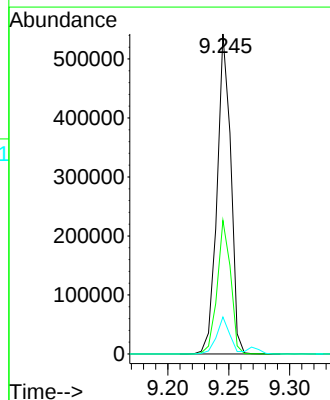
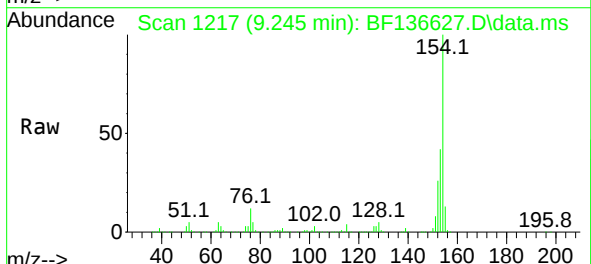
Tgt Ion:154 Resp: 425857

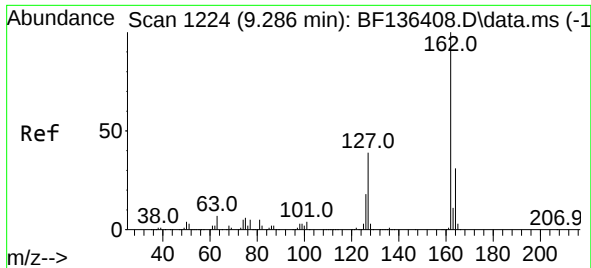
Ion Ratio Lower Upper

154 100

153 41.7 22.5 62.5

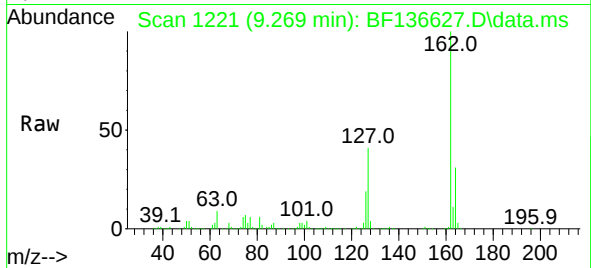
76 11.6 0.0 29.9





#47
2-Chloronaphthalene
Concen: 45.087 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

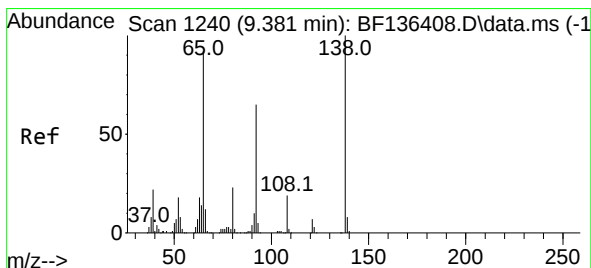
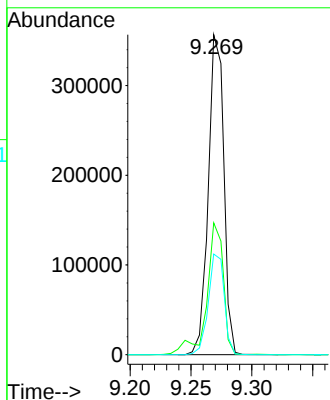
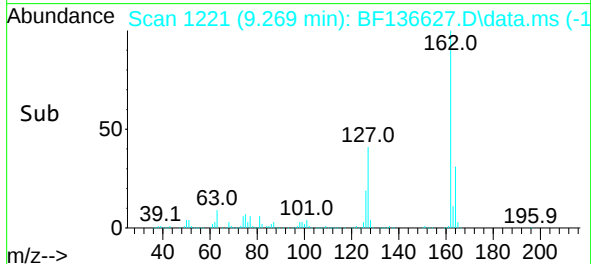
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



Tgt Ion:162 Resp: 31594
Ion Ratio Lower Upper
162 100
127 41.2 31.1 46.7
164 31.5 24.6 37.0

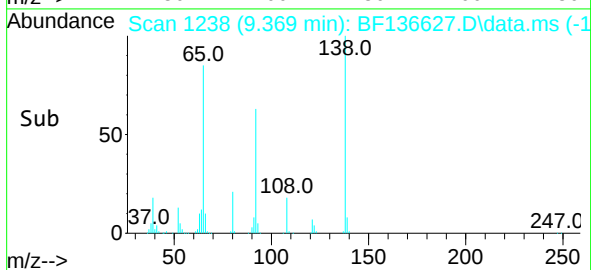
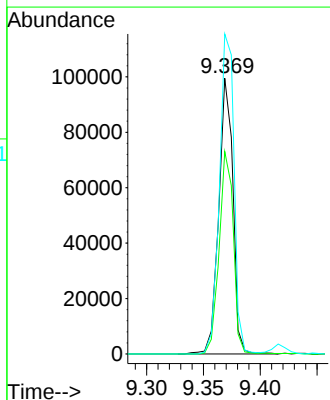
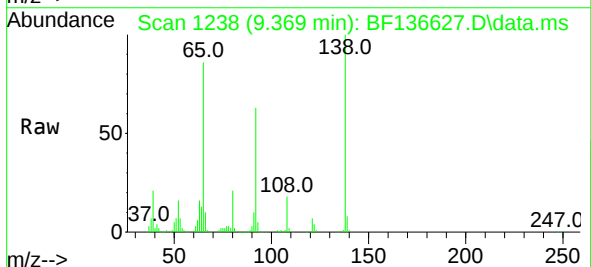
Manual Integrations
APPROVED

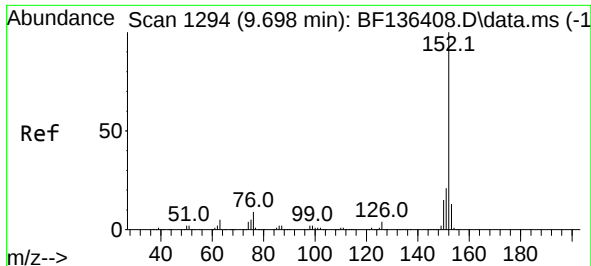
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#48
2-Nitroaniline
Concen: 46.097 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

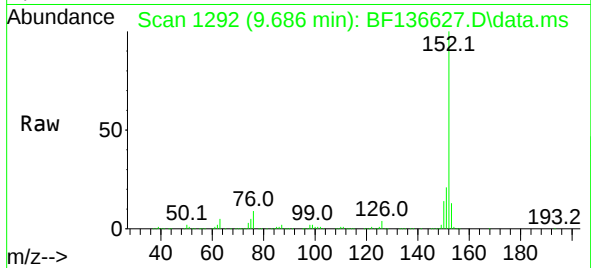
Tgt Ion: 65 Resp: 86636
Ion Ratio Lower Upper
65 100
92 73.4 56.1 84.1
138 116.1 86.7 130.1





#49
Acenaphthylene
Concen: 48.722 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

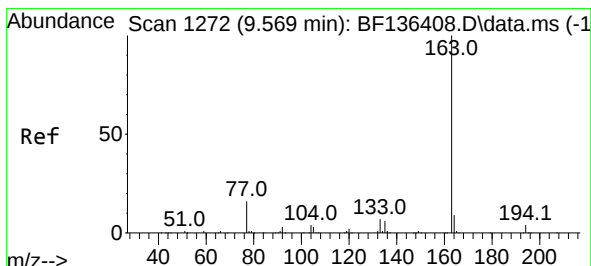
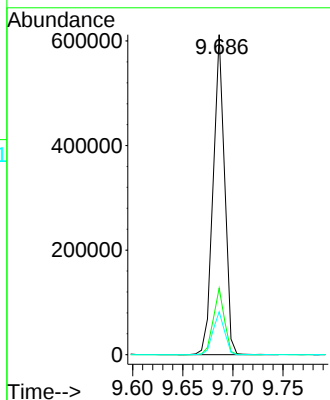
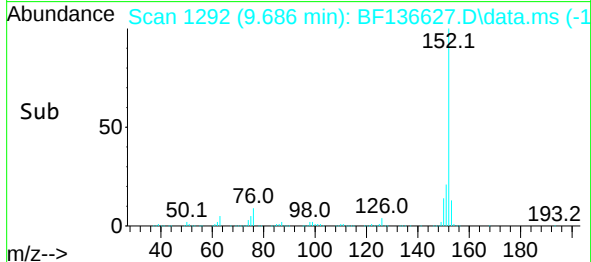
Instrument : BNA_F
ClientSampleId : AU-14-STOCKPILE-BIN-5MS



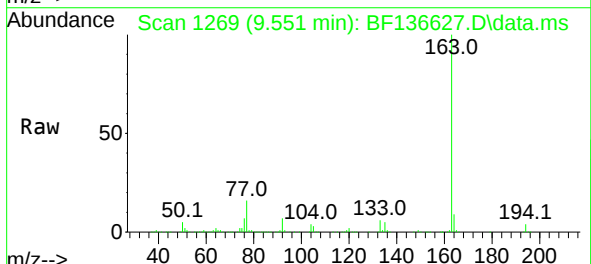
Tgt Ion:152 Resp: 486360
Ion Ratio Lower Upper
152 100
151 20.8 17.2 25.8
153 13.4 10.6 15.8

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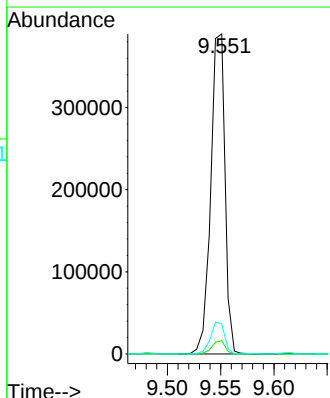
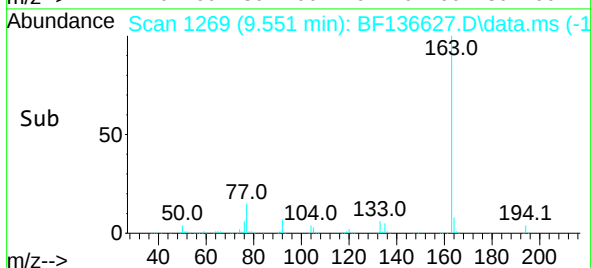
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

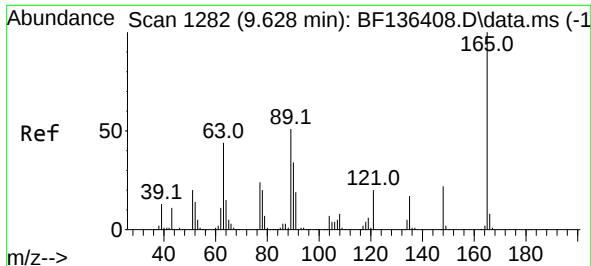


#50
Dimethylphthalate
Concen: 46.519 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48



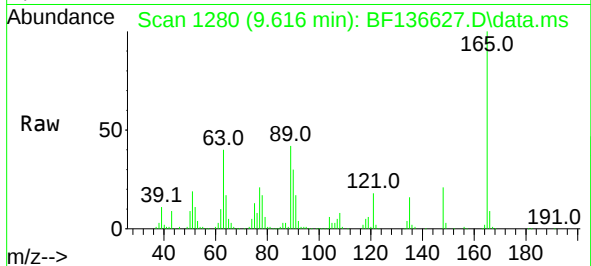
Tgt Ion:163 Resp: 362391
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 9.4 7.4 11.2





#51
2,6-Dinitrotoluene
Concen: 43.792 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

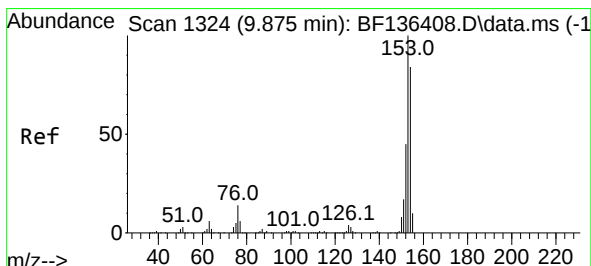
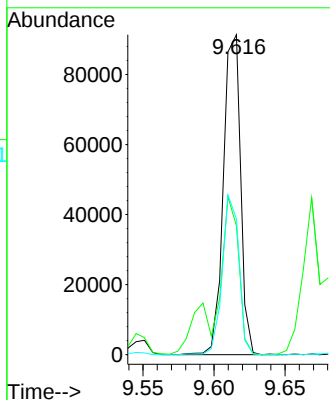
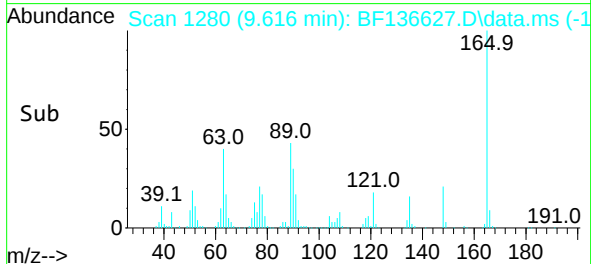
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



Tgt Ion:165 Resp: 76748
Ion Ratio Lower Upper
165 100
63 40.2 40.4 60.6
89 42.4 40.6 60.8

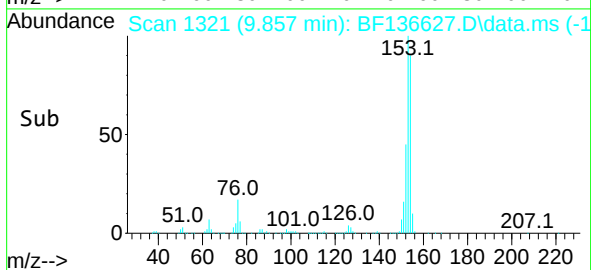
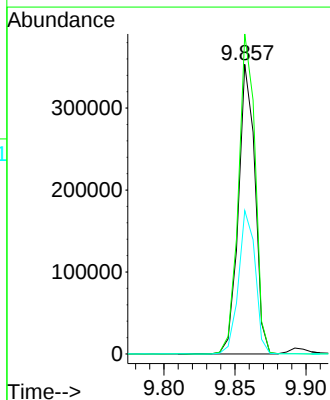
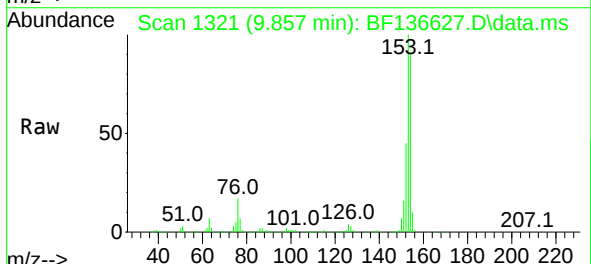
Manual Integrations
APPROVED

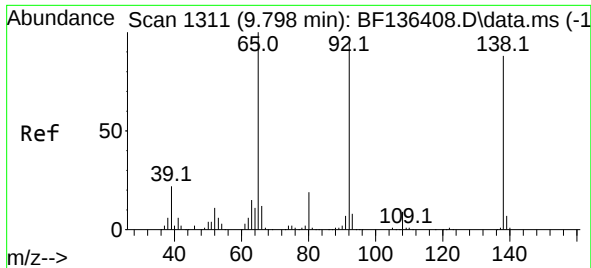
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#52
Acenaphthene
Concen: 44.748 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

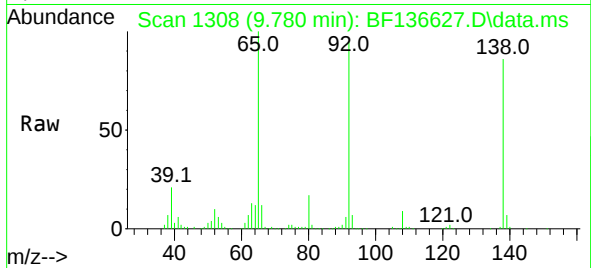
Tgt Ion:154 Resp: 286244
Ion Ratio Lower Upper
154 100
153 110.5 95.3 142.9
152 49.5 43.2 64.8





#53
3-Nitroaniline
Concen: 35.590 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

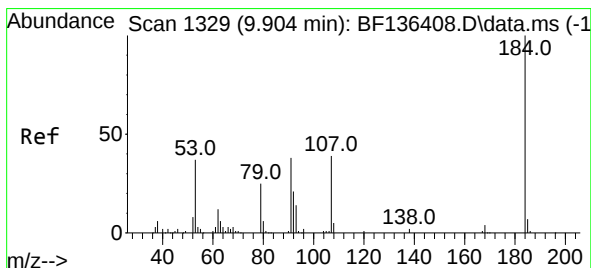
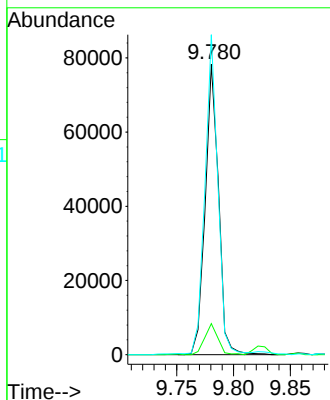
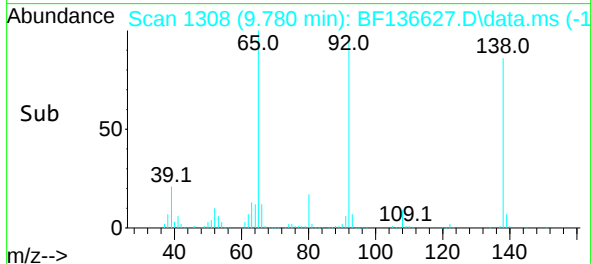
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



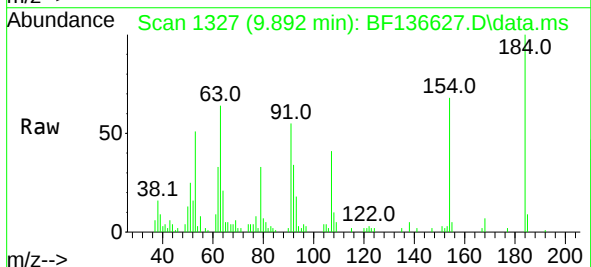
Tgt Ion:138 Resp: 63694
Ion Ratio Lower Upper
138 100
108 10.7 8.5 12.7
92 110.2 86.1 129.1

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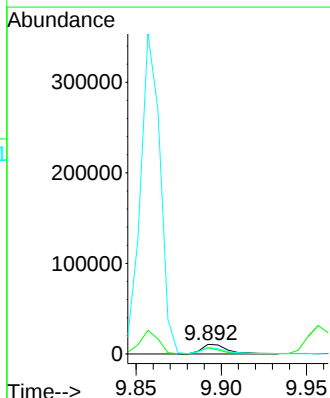
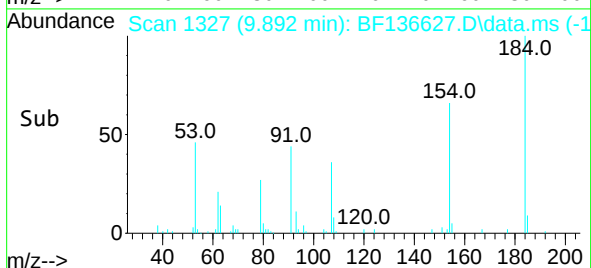
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

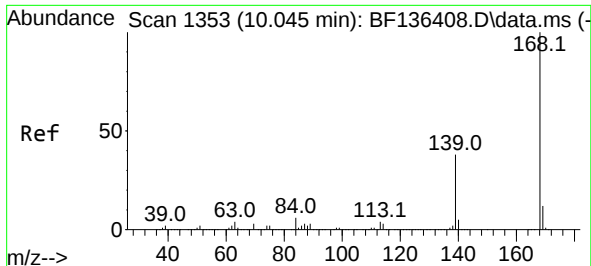


#54
2,4-Dinitrophenol
Concen: 12.825 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48



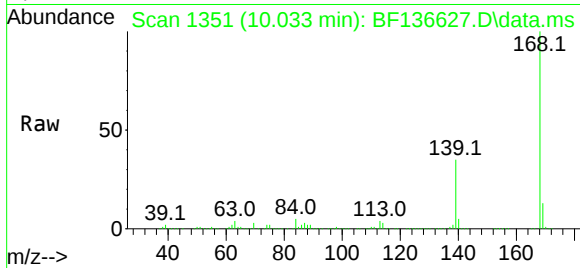
Tgt Ion:184 Resp: 11364
Ion Ratio Lower Upper
184 100
63 63.8 39.1 58.7#
154 68.0 49.9 74.9





#55
Dibenzenofuran
Concen: 45.944 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

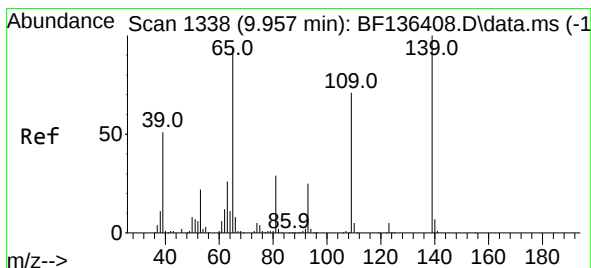
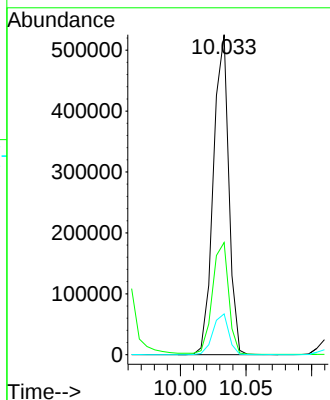
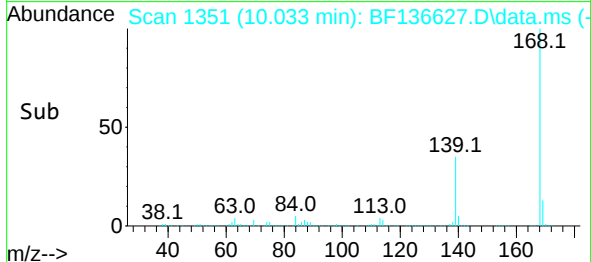
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



Tgt Ion:168 Resp: 42934
Ion Ratio Lower Upper
168 100
139 35.0 30.4 45.6
169 12.8 9.9 14.9

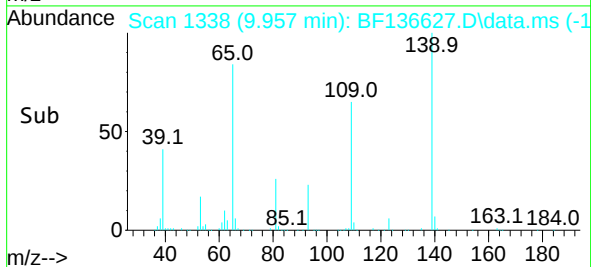
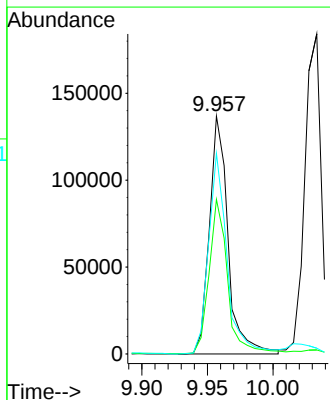
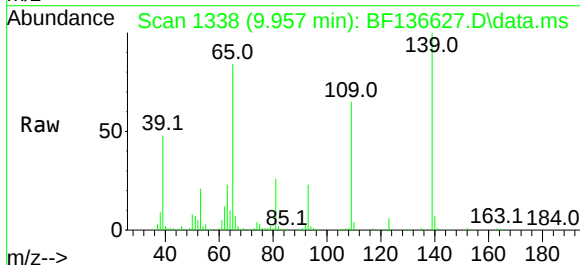
Manual Integrations
APPROVED

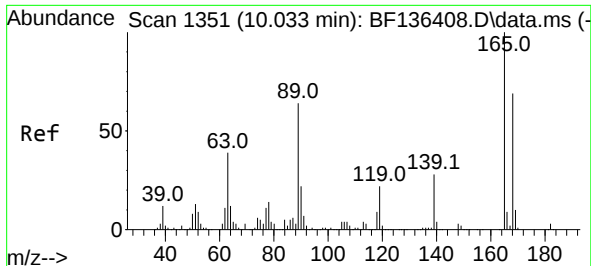
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#56
4-Nitrophenol
Concen: 101.219 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

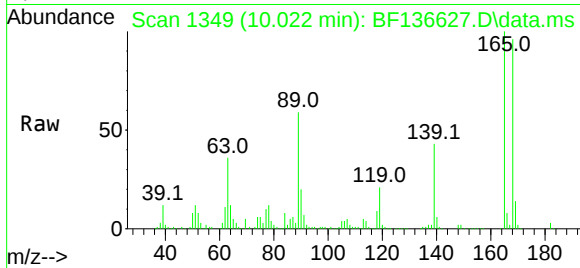
Tgt Ion:139 Resp: 135797
Ion Ratio Lower Upper
139 100
109 65.0 50.6 90.6
65 84.4 73.1 113.1





#57
2,4-Dinitrotoluene
Concen: 43.421 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

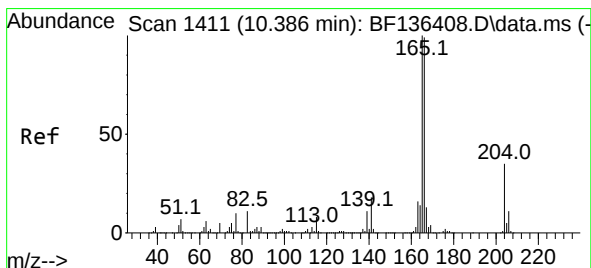
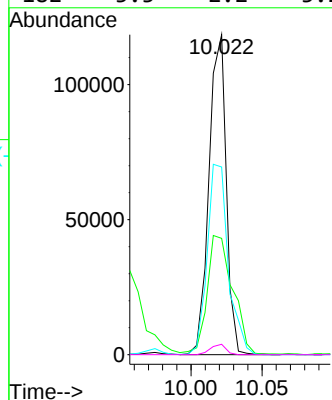
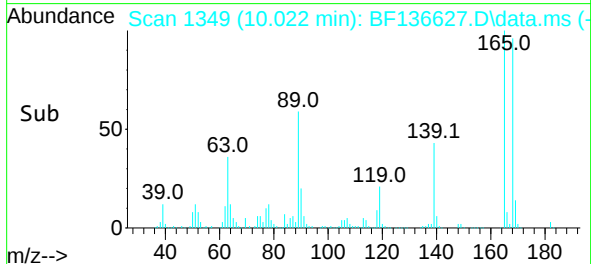
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



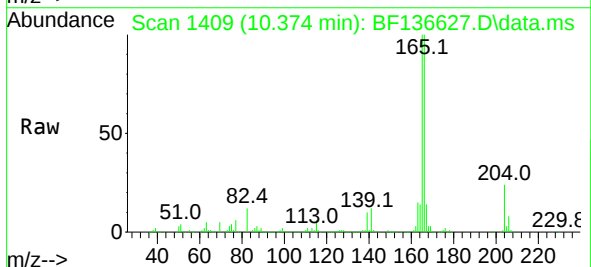
Tgt Ion:165 Resp: 100669
Ion Ratio Lower Upper
165 100
63 36.4 31.4 47.2
89 58.6 51.7 77.5
182 3.3 2.2 3.2#

Manual Integrations
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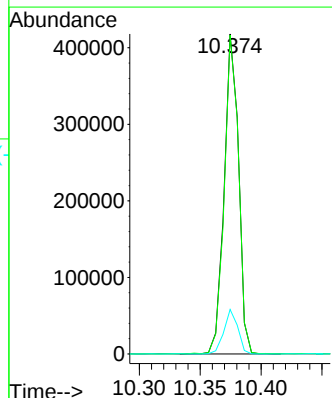
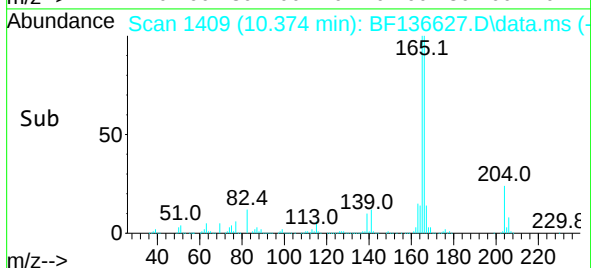
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

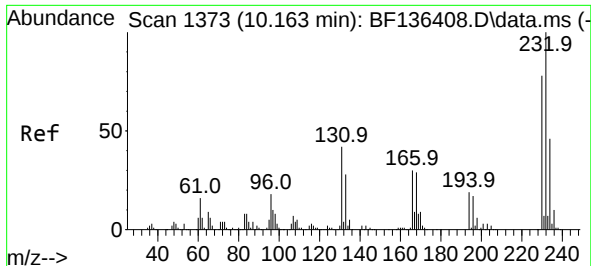


#58
Fluorene
Concen: 45.867 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48



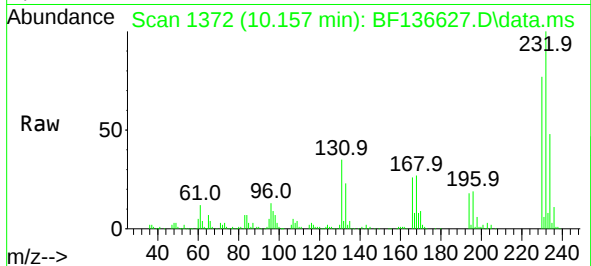
Tgt Ion:166 Resp: 344071
Ion Ratio Lower Upper
166 100
165 99.6 80.5 120.7
167 13.9 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.483 ng
RT: 10.157 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

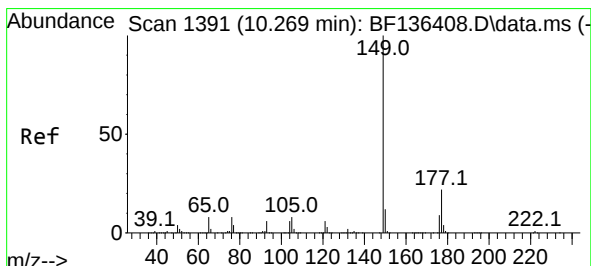
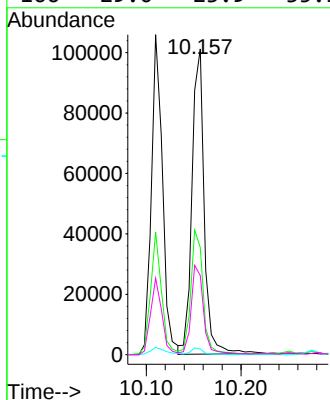
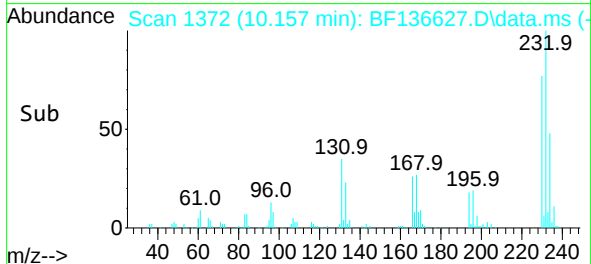
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



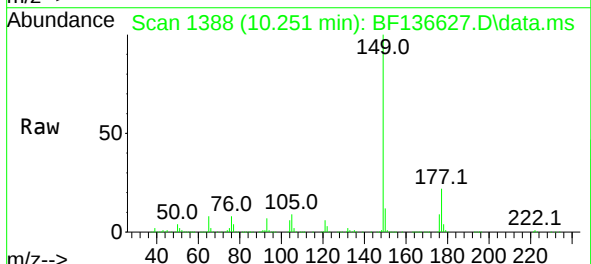
Tgt Ion:232 Resp: 90989
Ion Ratio Lower Upper
232 100
131 40.5 34.3 51.5
130 2.3 1.6 2.4
166 29.0 23.9 35.9

Manual Integrations
APPROVED

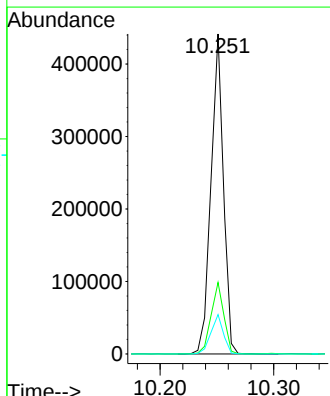
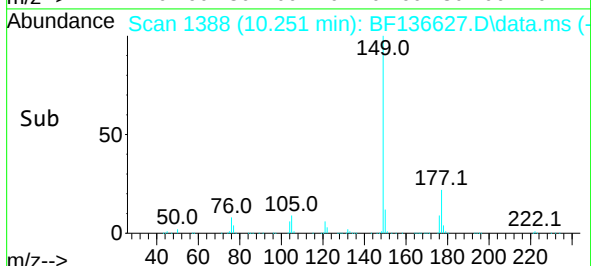
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

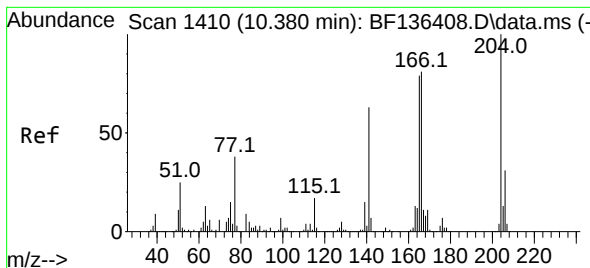


#60
Diethylphthalate
Concen: 43.774 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48



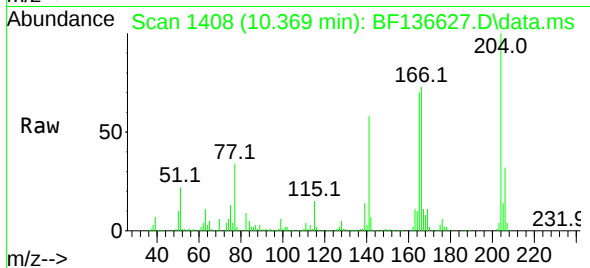
Tgt Ion:149 Resp: 335321
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.3 9.4 14.0





#61
4-Chlorophenyl-phenylether
Concen: 45.054 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

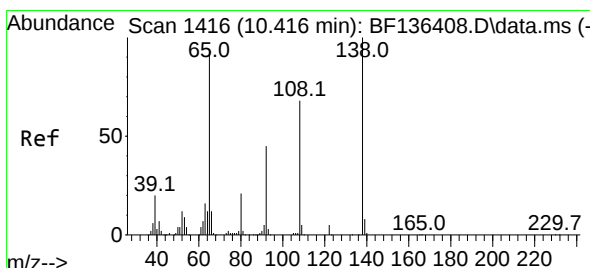
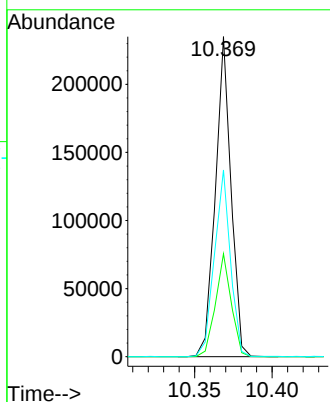
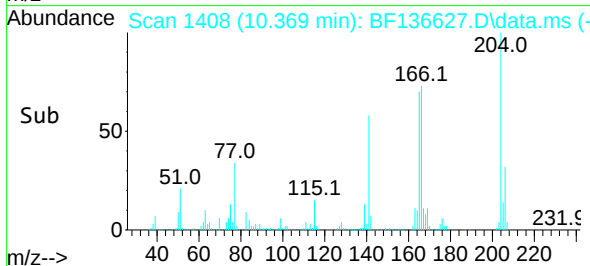
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



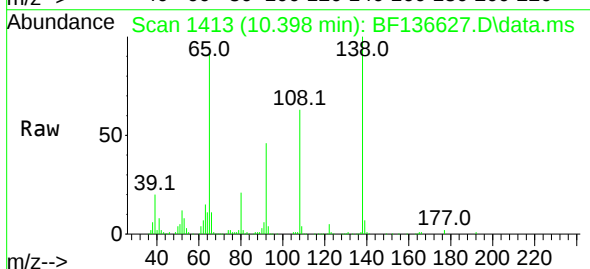
Tgt Ion:204 Resp: 164759
Ion Ratio Lower Upper
204 100
206 32.2 24.6 36.8
141 58.4 50.3 75.5

Manual Integrations
APPROVED

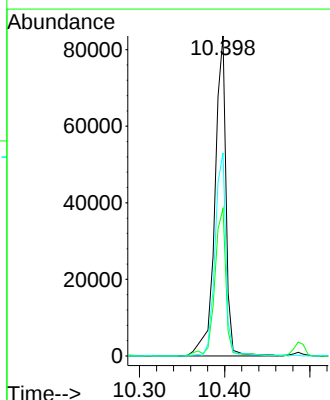
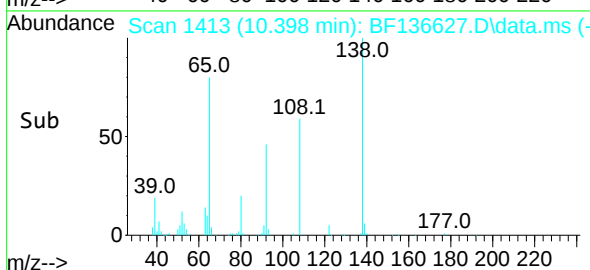
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

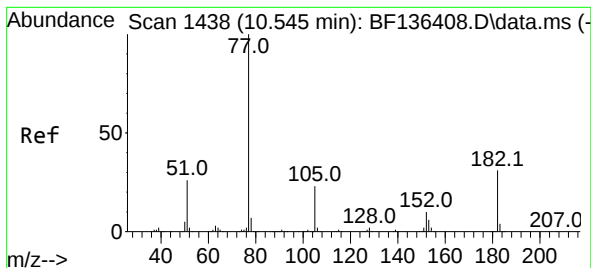


#62
4-Nitroaniline
Concen: 42.689 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48



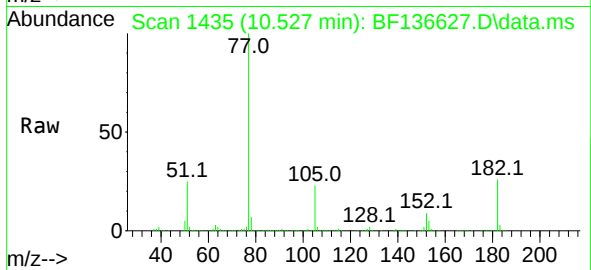
Tgt Ion:138 Resp: 75860
Ion Ratio Lower Upper
138 100
92 46.1 25.0 65.0
108 63.4 47.9 87.9





#63
Azobenzene
Concen: 42.668 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

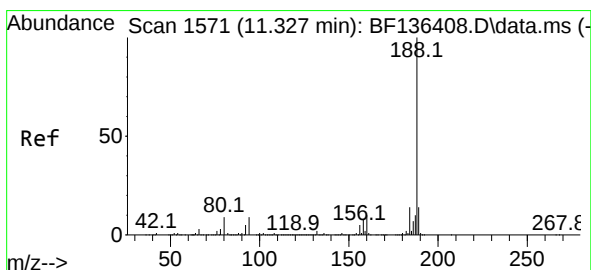
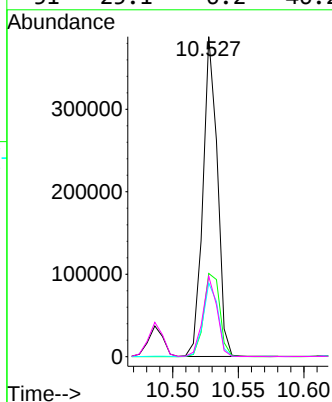
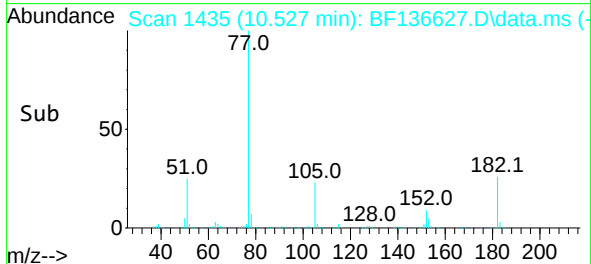
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



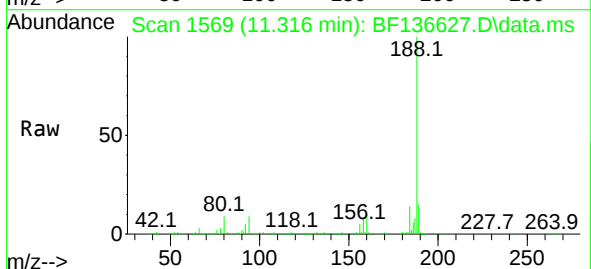
Tgt Ion: 77 Resp: 297499
Ion Ratio Lower Upper
77 100
182 26.0 10.8 50.8
105 23.0 2.6 42.6
51 25.1 6.2 46.2

Manual Integrations
APPROVED

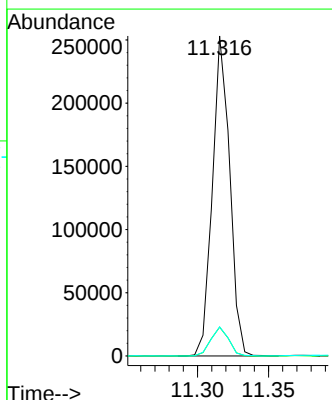
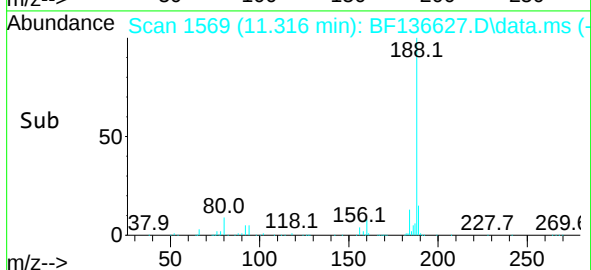
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

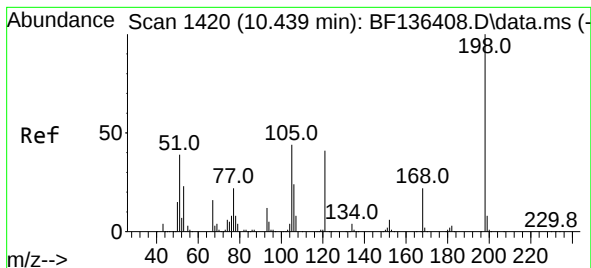


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48



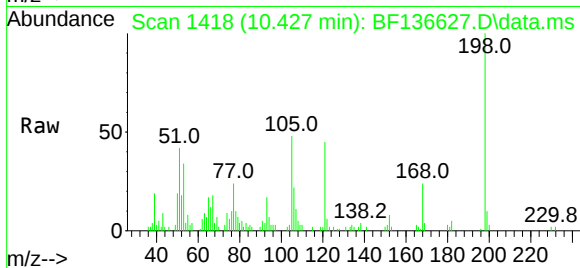
Tgt Ion:188 Resp: 215134
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.1 7.2 10.8





#65
4,6-Dinitro-2-methylphenol
Concen: 8.031 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

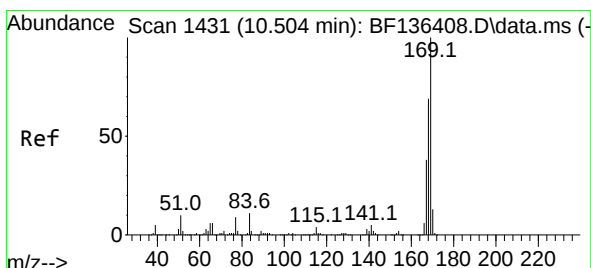
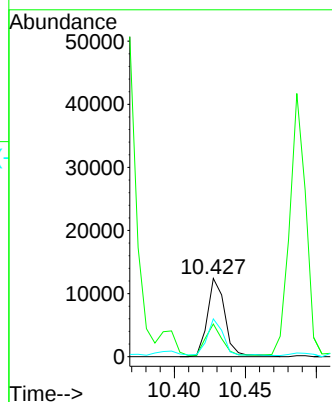
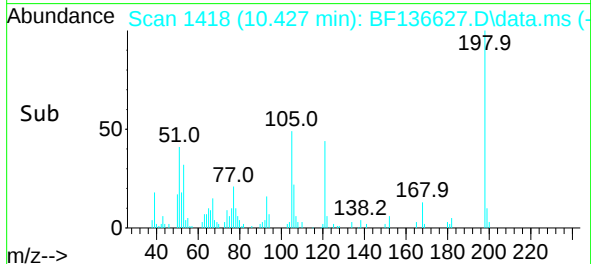
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



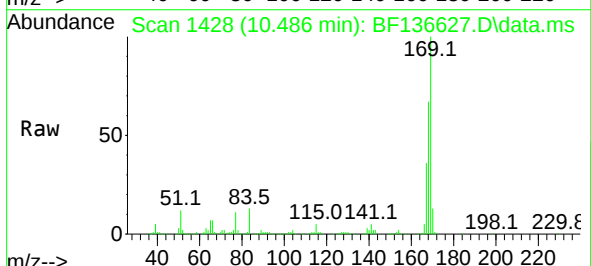
Tgt Ion:198 Resp: 10700
Ion Ratio Lower Upper
198 100
51 41.7 24.1 64.1
105 48.3 24.8 64.8

Manual Integrations
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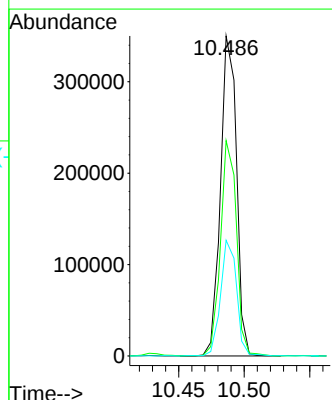
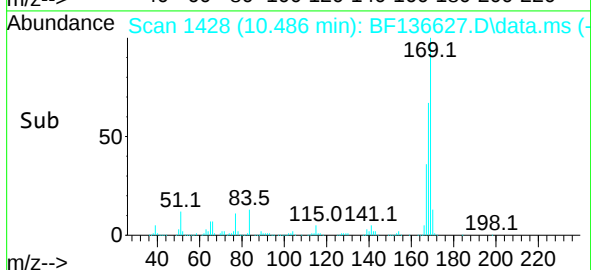
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

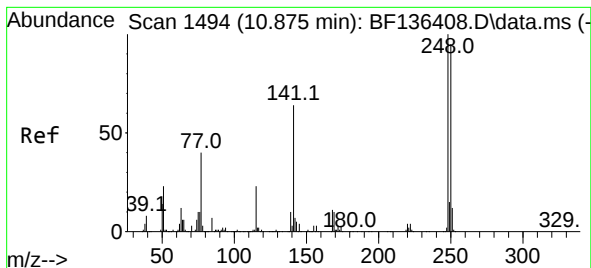


#66
n-Nitrosodiphenylamine
Concen: 43.012 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48



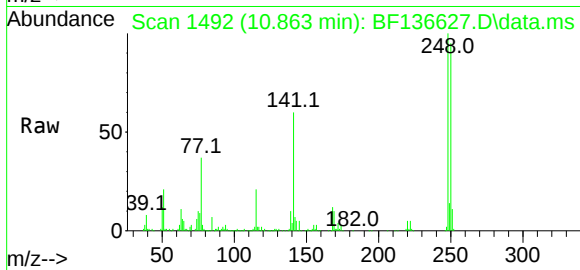
Tgt Ion:169 Resp: 296920
Ion Ratio Lower Upper
169 100
168 67.3 55.3 82.9
167 36.1 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 41.669 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

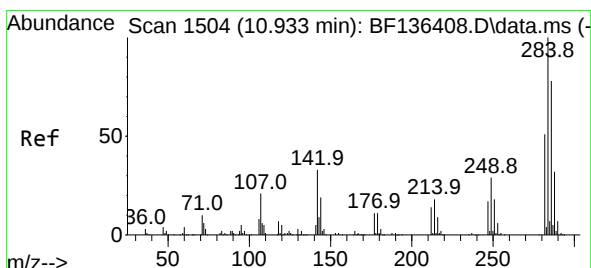
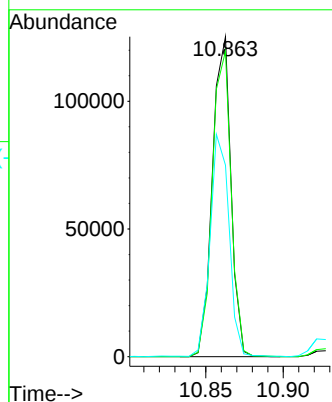
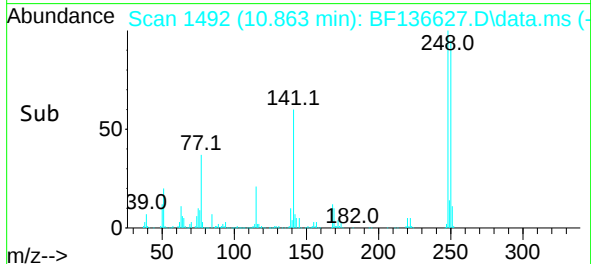
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



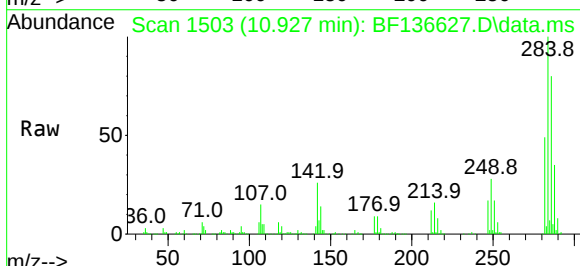
Tgt Ion:248 Resp: 104225
Ion Ratio Lower Upper
248 100
250 95.5 76.2 114.2
141 59.9 51.0 76.4

Manual Integrations
APPROVED

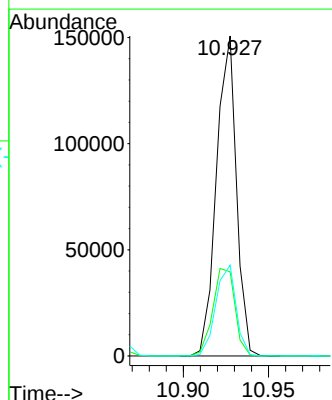
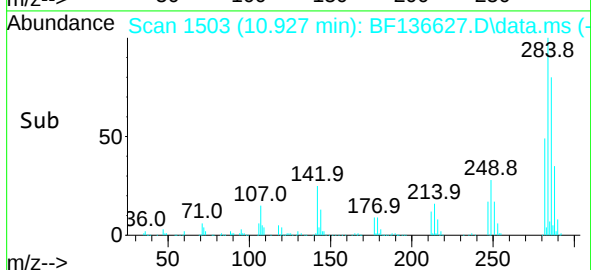
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

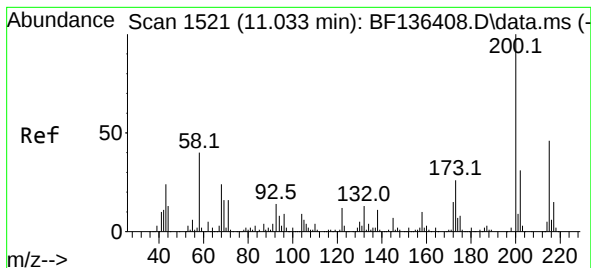


#68
Hexachlorobenzene
Concen: 42.395 ng
RT: 10.927 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48



Tgt Ion:284 Resp: 122559
Ion Ratio Lower Upper
284 100
142 26.3 26.5 39.7#
249 28.4 23.4 35.0





#69

Atrazine

Concen: 52.077 ng

RT: 11.022 min Scan# 11022

Delta R.T. -0.006 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

Tgt Ion:200 Resp: 102600

Ion Ratio Lower Upper

200 100

173 25.4 6.0 46.0

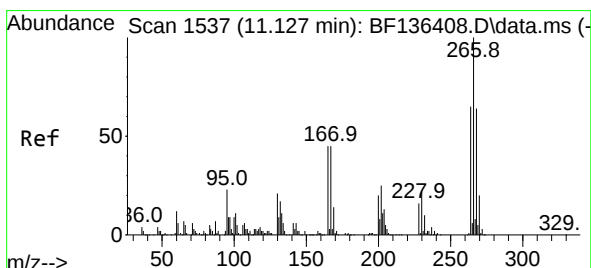
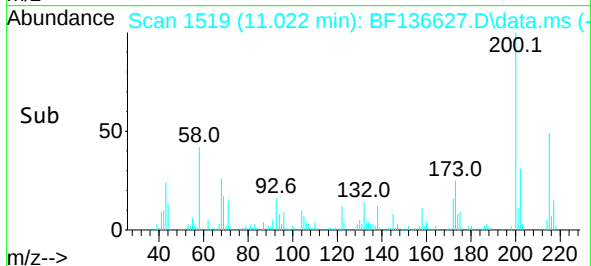
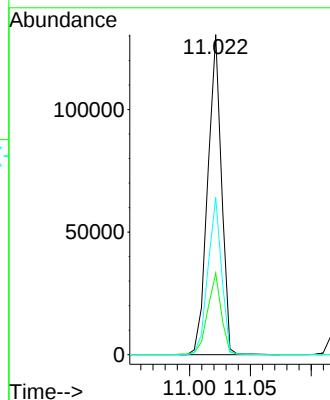
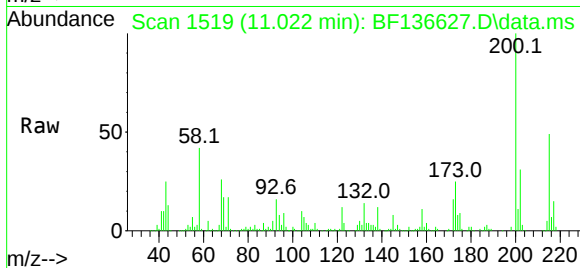
215 49.1 25.5 65.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#70

Pentachlorophenol

Concen: 83.390 ng

RT: 11.127 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

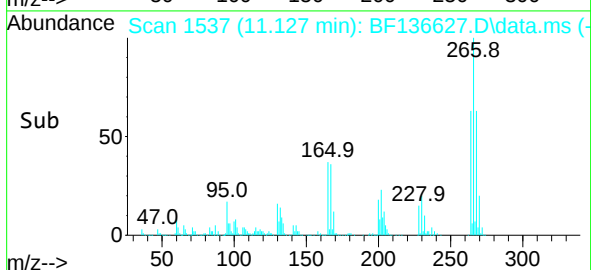
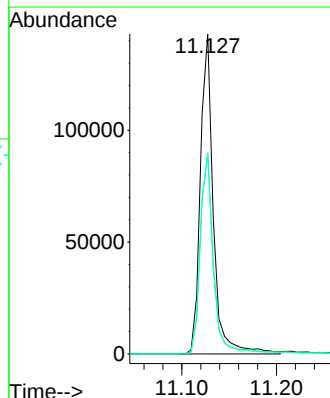
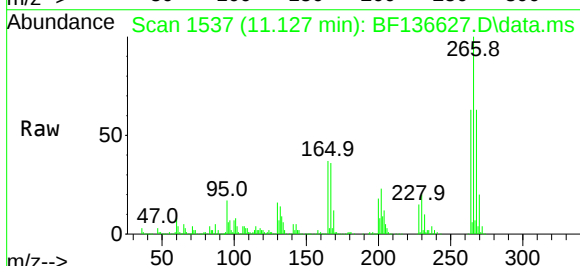
Tgt Ion:266 Resp: 136057

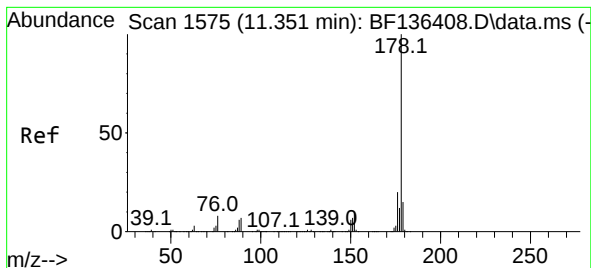
Ion Ratio Lower Upper

266 100

268 62.9 51.0 76.6

264 62.6 52.2 78.4





#71

Phenanthrene

Concen: 48.628 ng

RT: 11.345 min Scan# 1575

Delta R.T. -0.000 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

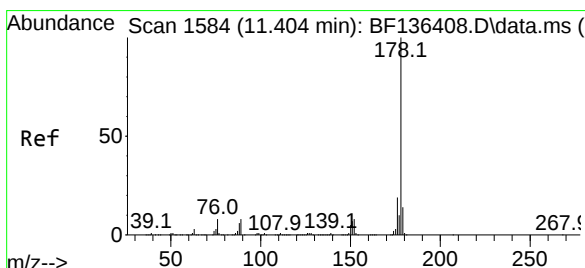
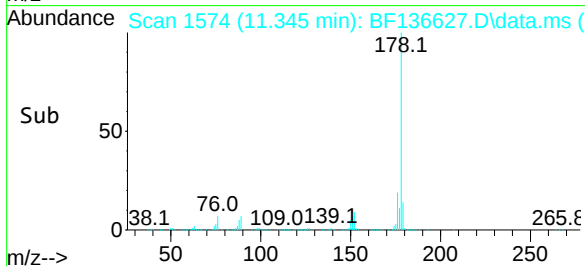
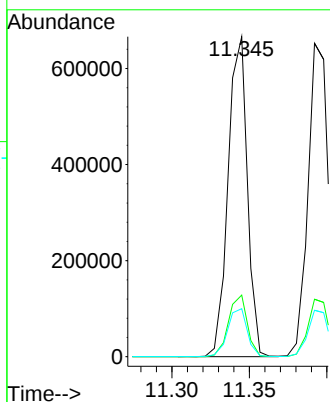
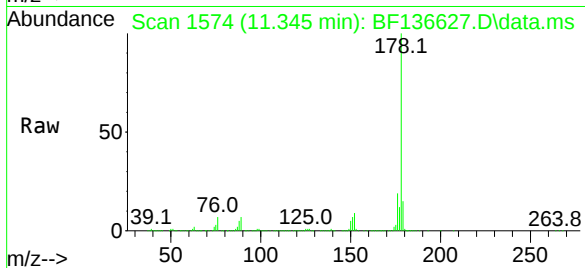
AU-14-STOCKPILE-BIN-5MS

Tgt Ion:178 Resp: 57501
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.9 23.9
 179 15.0 11.8 17.6

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/19/2023



#72

Anthracene

Concen: 48.802 ng

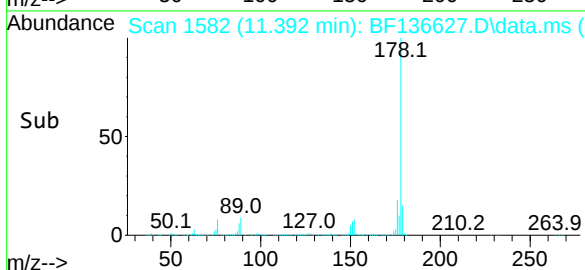
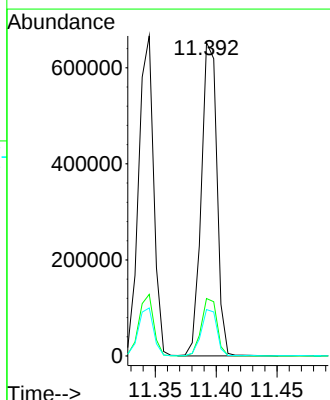
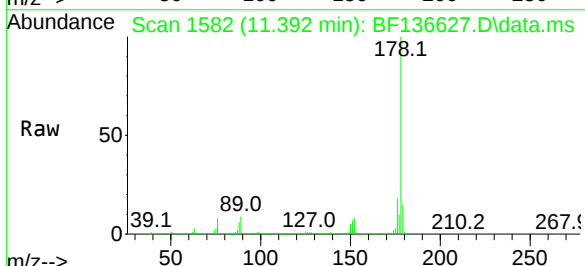
RT: 11.392 min Scan# 1582

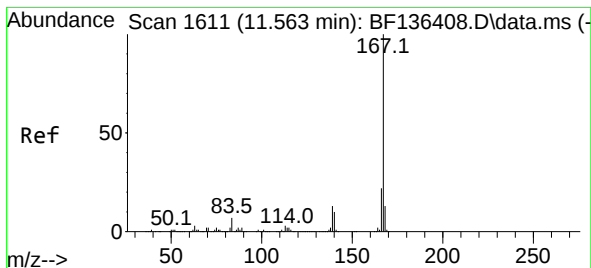
Delta R.T. -0.006 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

Tgt Ion:178 Resp: 581238
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.3 22.9
 179 14.8 11.4 17.0





#73

Carbazole

Concen: 48.871 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

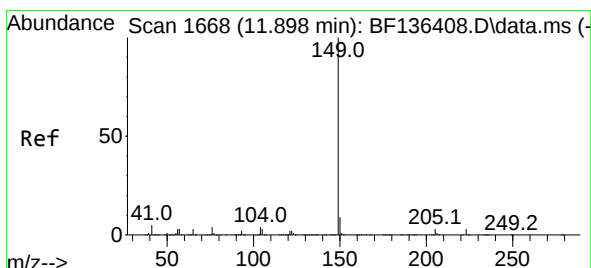
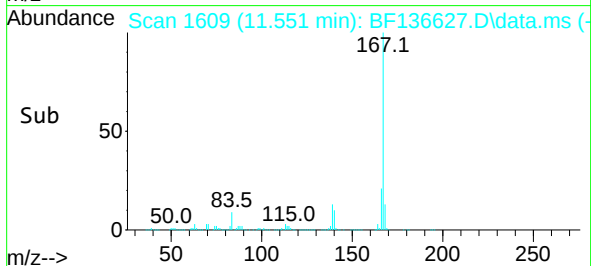
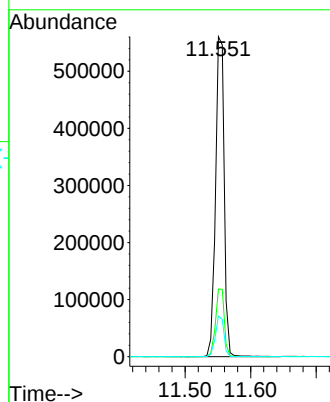
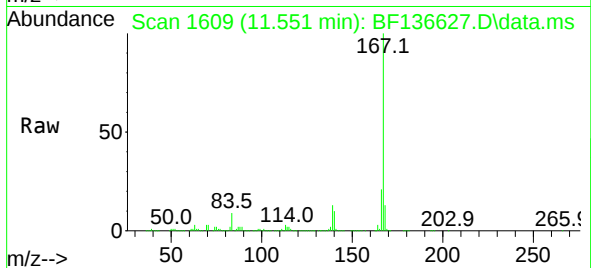
Tgt Ion:	167	Resp:	51516
Ion Ratio	Lower	Upper	
167	100		
166	21.1	18.0	27.0
139	12.6	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#74

Di-n-butylphthalate

Concen: 46.214 ng

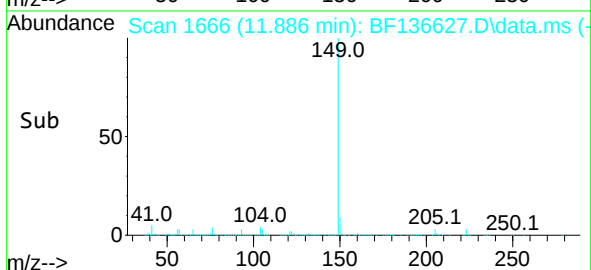
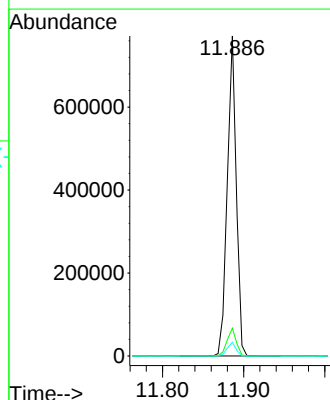
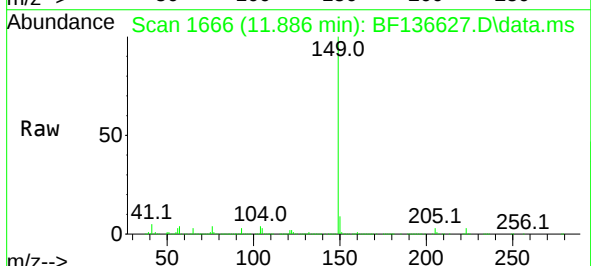
RT: 11.886 min Scan# 1666

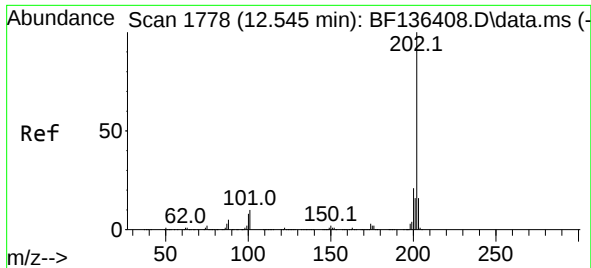
Delta R.T. -0.006 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

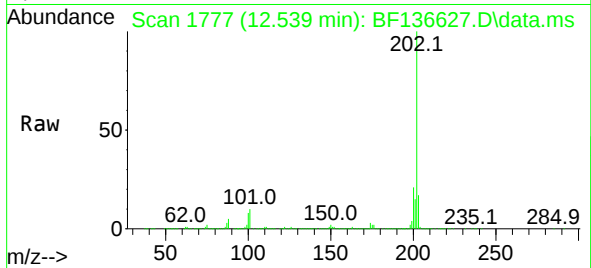
Tgt Ion:	149	Resp:	597210
Ion Ratio	Lower	Upper	
149	100		
150	8.7	6.9	10.3
104	4.3	3.5	5.3





#75
Fluoranthene
Concen: 58.653 ng
RT: 12.539 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

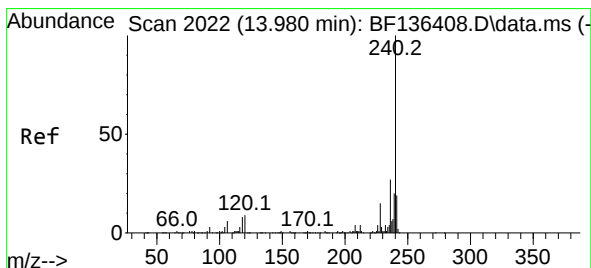
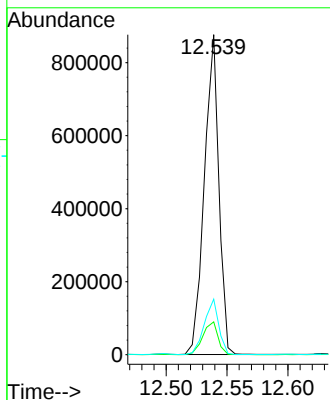
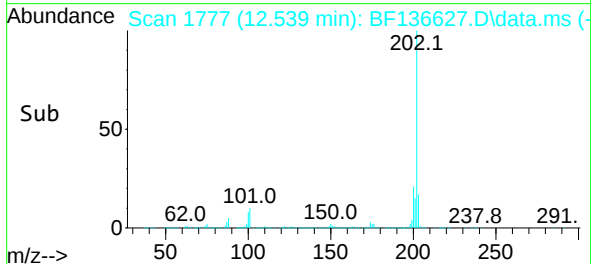
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



Tgt Ion:202 Resp: 726814
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.9
203 17.3 0.0 36.3

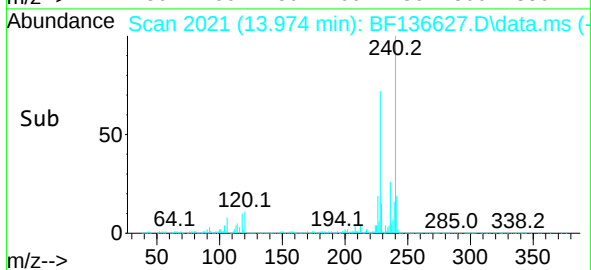
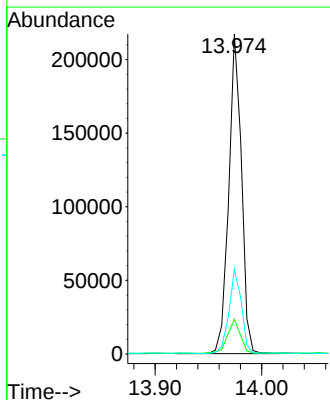
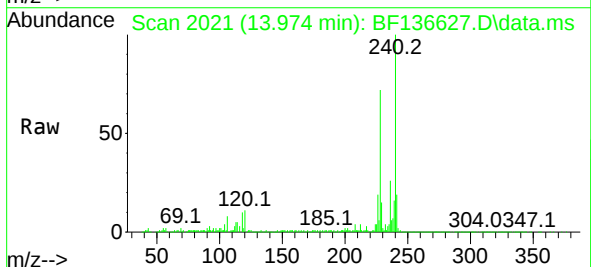
Manual Integrations
APPROVED

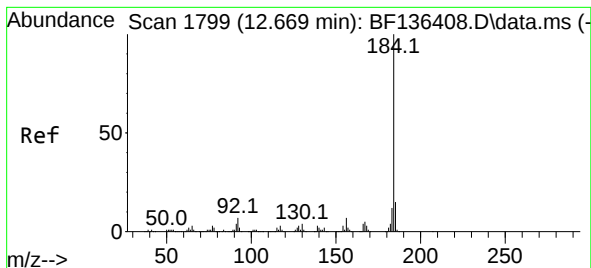
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

Tgt Ion:240 Resp: 180032
Ion Ratio Lower Upper
240 100
120 10.9 7.3 10.9
236 26.4 21.3 31.9





#77

Benzidine

Concen: 35.261 ng

RT: 12.663 min Scan# 1799

Delta R.T. -0.000 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

Tgt Ion:184 Resp: 13324

Ion Ratio Lower Upper

184 100

185 14.3 12.0 18.0

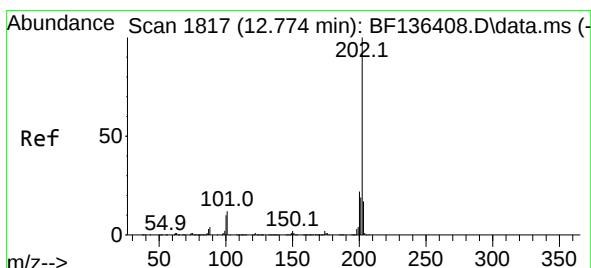
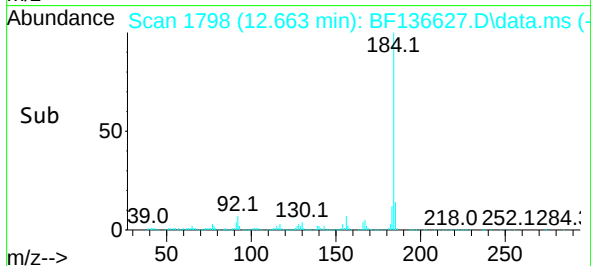
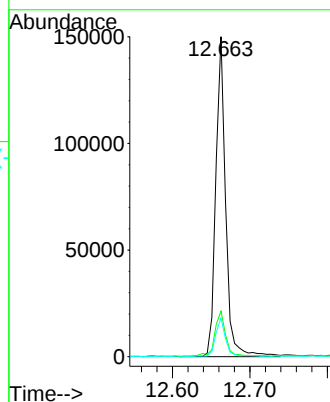
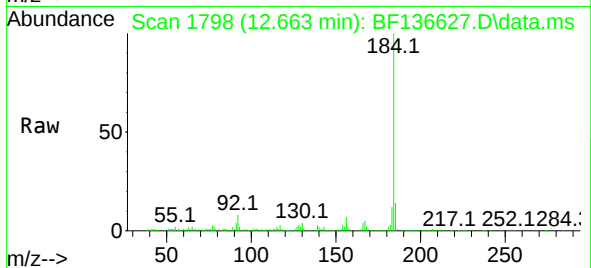
183 12.0 9.4 14.0

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#78

Pyrene

Concen: 42.909 ng

RT: 12.768 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

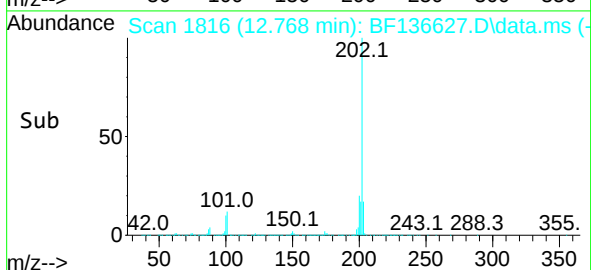
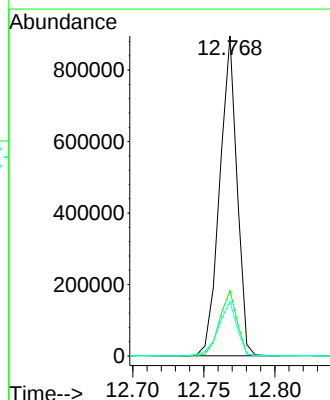
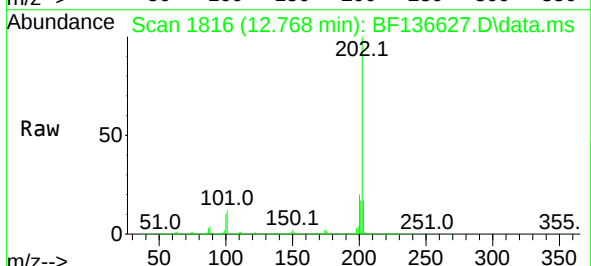
Tgt Ion:202 Resp: 756556

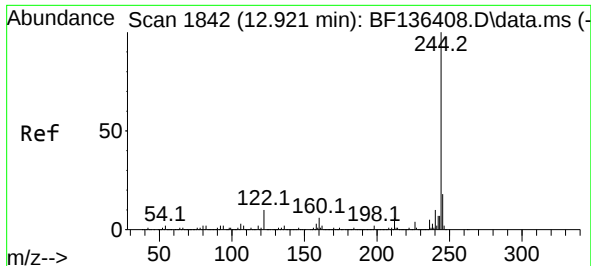
Ion Ratio Lower Upper

202 100

200 20.4 18.0 27.0

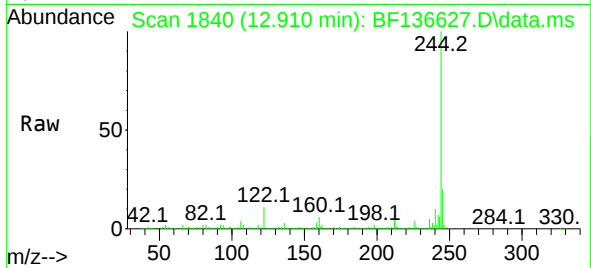
203 17.1 13.5 20.3





#79
 Terphenyl-d14
 Concen: 53.876 ng
 RT: 12.910 min Scan# 1842
 Delta R.T. -0.012 min
 Lab File: BF136627.D
 Acq: 18 Dec 2023 21:48

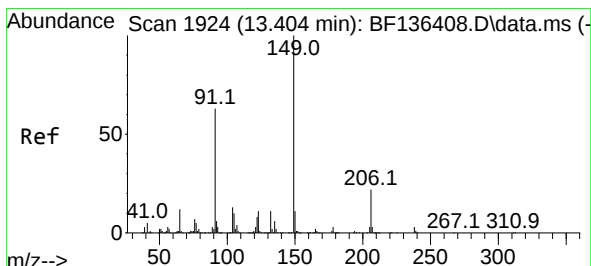
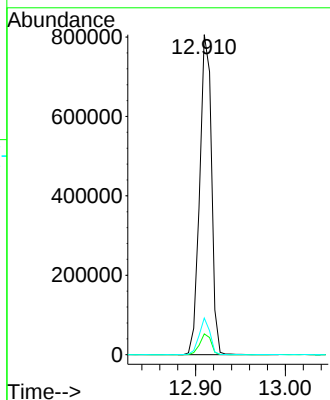
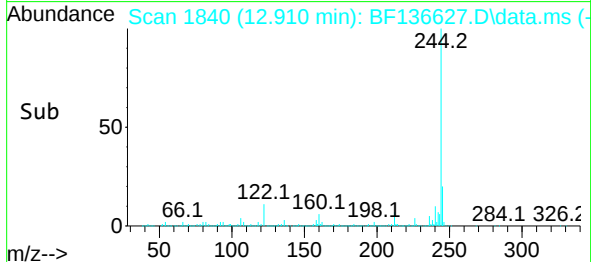
Instrument :
 BNA_F
 ClientSampleId :
 AU-14-STOCKPILE-BIN-5MS



Tgt Ion:244 Resp: 73588
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 11.5 8.3 12.5

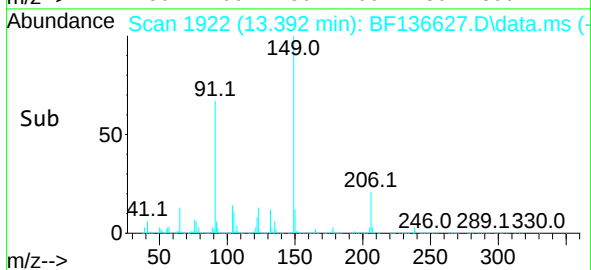
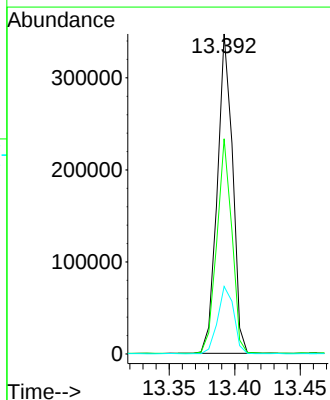
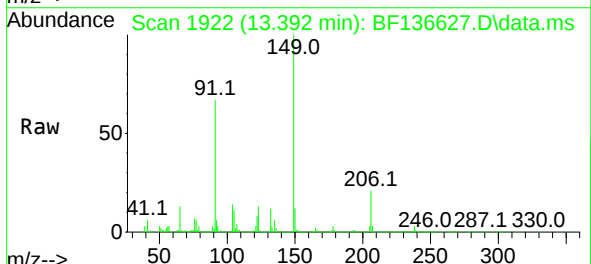
Manual Integrations
 APPROVED

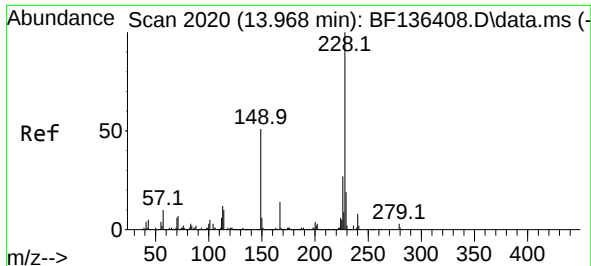
Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/19/2023



#80
 Butylbenzylphthalate
 Concen: 44.671 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. -0.006 min
 Lab File: BF136627.D
 Acq: 18 Dec 2023 21:48

Tgt Ion:149 Resp: 280381
 Ion Ratio Lower Upper
 149 100
 91 67.2 50.5 75.7
 206 21.1 17.4 26.2





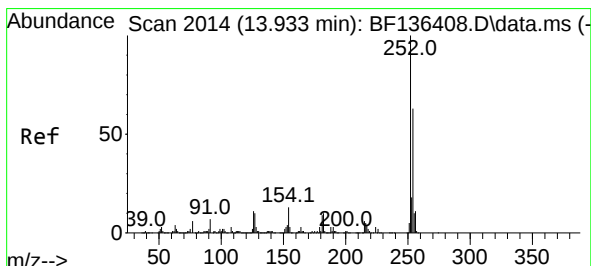
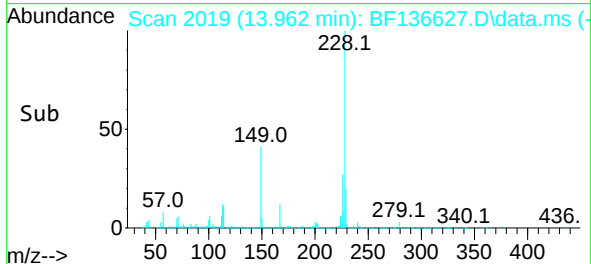
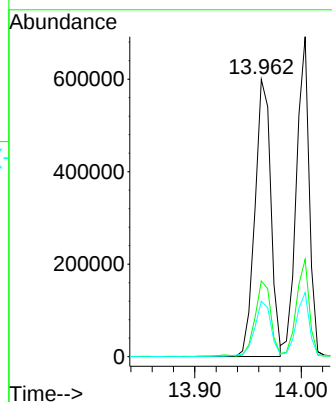
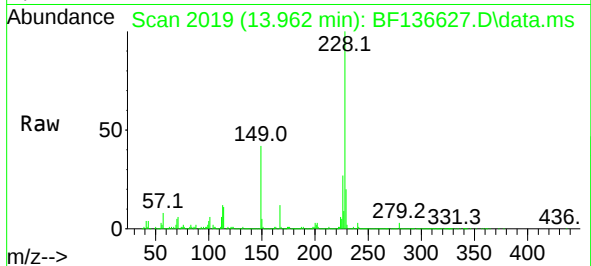
#81
Benzo(a)anthracene
Concen: 49.304 ng
RT: 13.962 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS

Tgt Ion:228 Resp: 61829
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.9 15.0 22.4

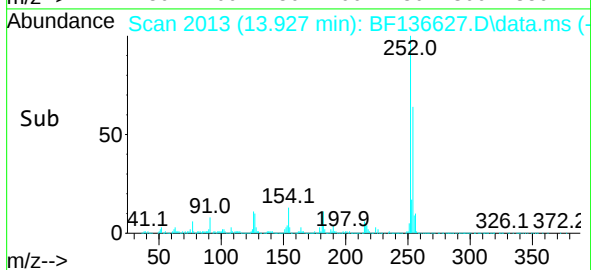
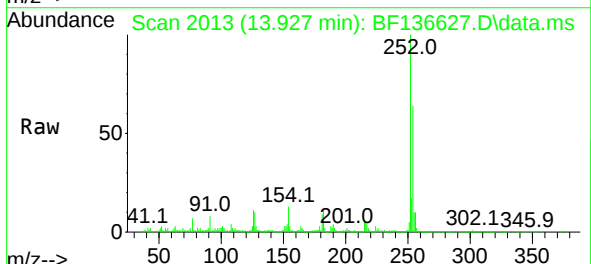
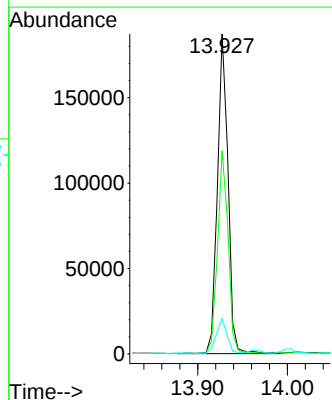
Manual Integrations
APPROVED

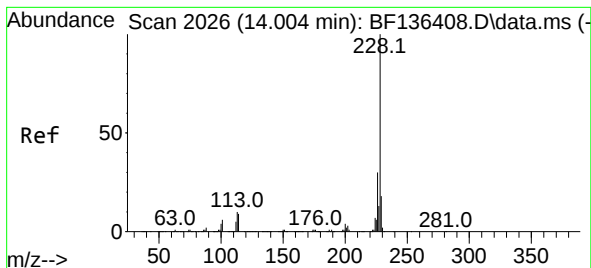
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#82
3,3'-Dichlorobenzidine
Concen: 43.691 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

Tgt Ion:252 Resp: 153620
Ion Ratio Lower Upper
252 100
254 63.5 50.8 76.2
126 11.1 8.6 12.8





#83

Chrysene

Concen: 46.583 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

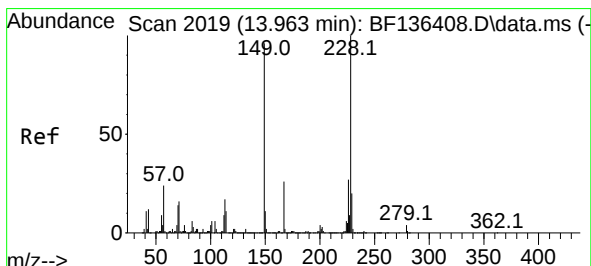
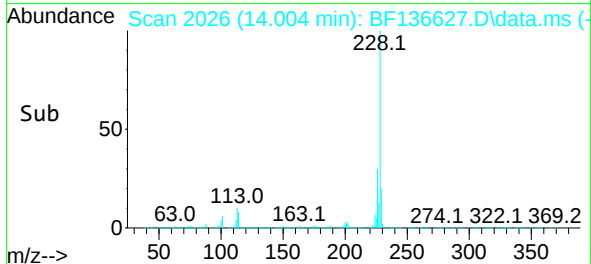
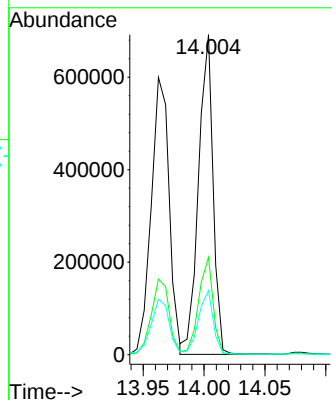
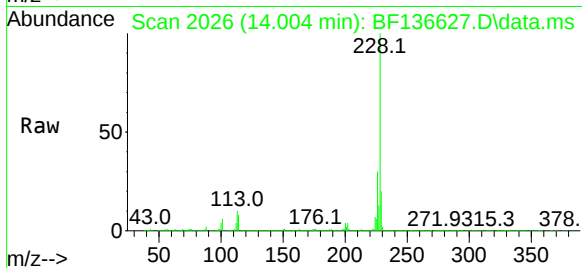
Tgt Ion:228 Resp: 574749
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.8 35.6
 229 20.1 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.564 ng

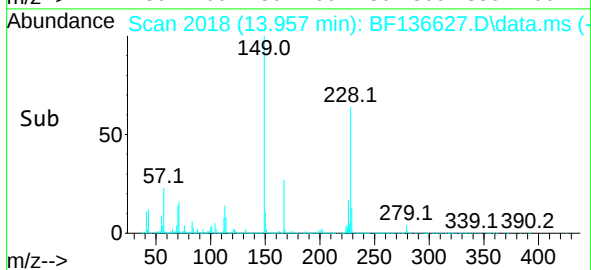
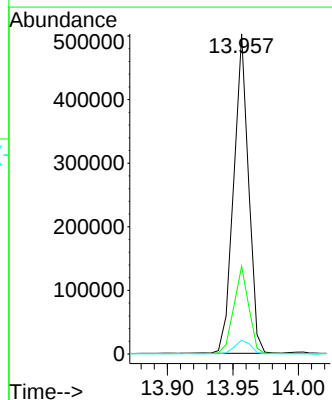
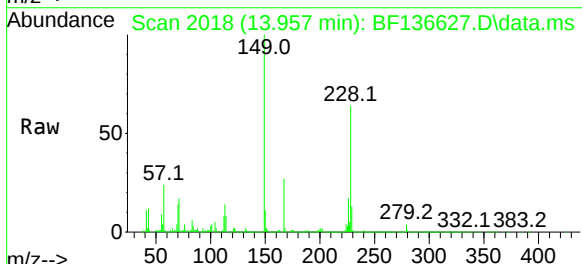
RT: 13.957 min Scan# 2018

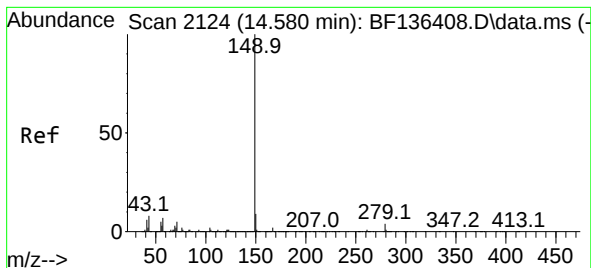
Delta R.T. -0.000 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

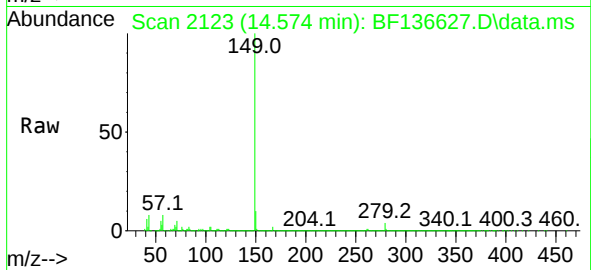
Tgt Ion:149 Resp: 396760
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.2 31.8
 279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 57.887 ng
RT: 14.574 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

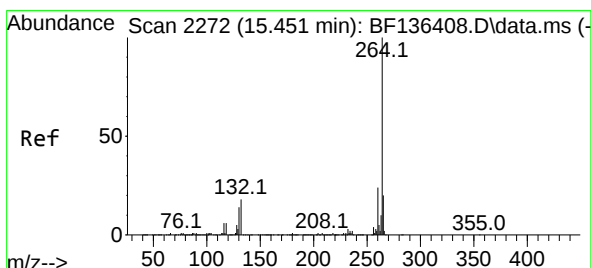
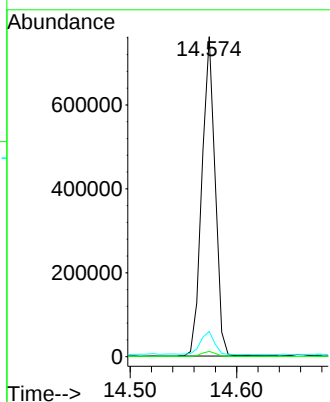
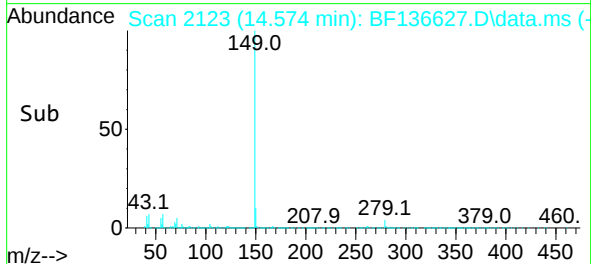
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MS



Tgt Ion:149 Resp: 65791
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.8 10.2

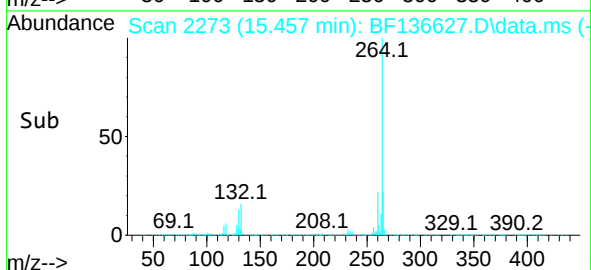
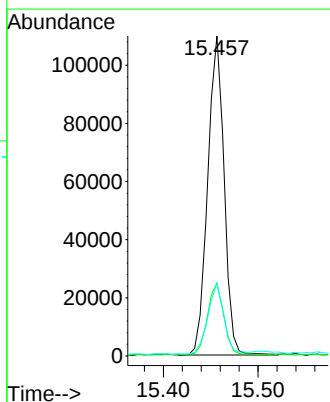
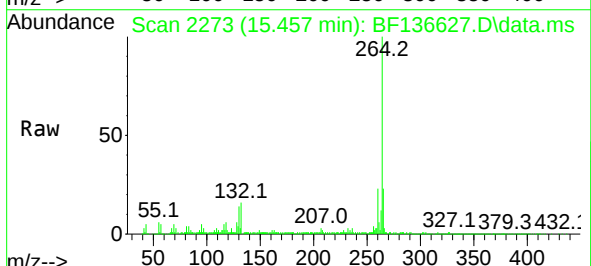
Manual Integrations
APPROVED

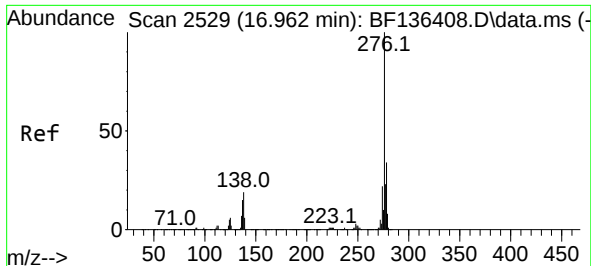
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

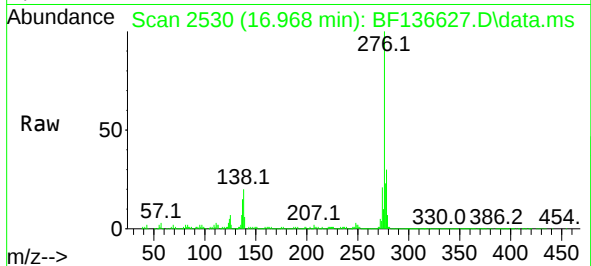
Tgt Ion:264 Resp: 131746
Ion Ratio Lower Upper
264 100
260 22.8 19.2 28.8
265 22.6 15.9 23.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.068 ng
RT: 16.968 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48

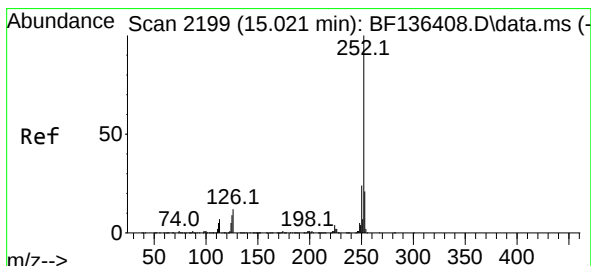
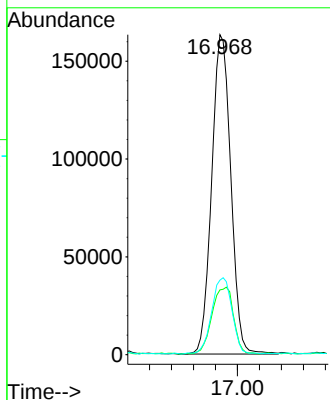
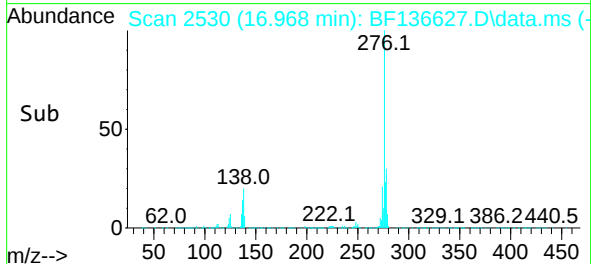
Instrument : BNA_F
ClientSampleId : AU-14-STOCKPILE-BIN-5MS



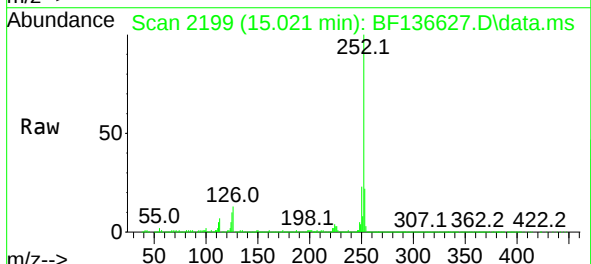
Tgt Ion:276 Resp: 394189
Ion Ratio Lower Upper
276 100
138 23.5 19.0 28.4
277 25.4 20.0 30.0

Manual Integrations
APPROVED

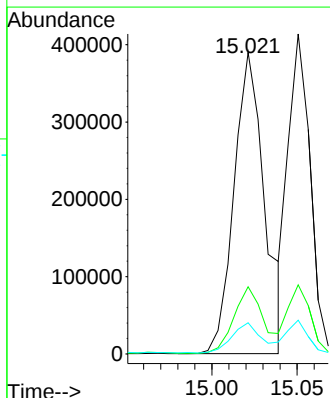
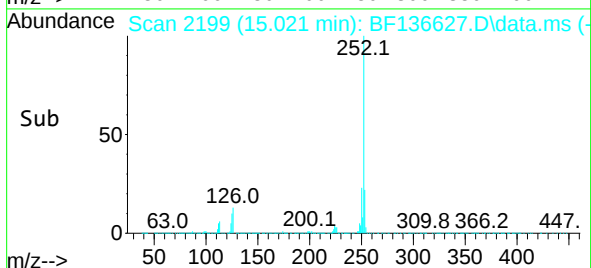
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/19/2023

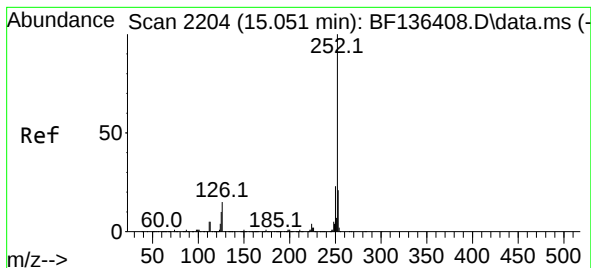


#88
Benzo(b)fluoranthene
Concen: 53.804 ng
RT: 15.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF136627.D
Acq: 18 Dec 2023 21:48



Tgt Ion:252 Resp: 484656
Ion Ratio Lower Upper
252 100
253 22.3 16.9 25.3
125 10.4 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 43.803 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

Instrument :

BNF

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

Tgt Ion:252 Resp: 37184

Ion Ratio Lower Upper

252 100

253 21.6 16.9 25.3

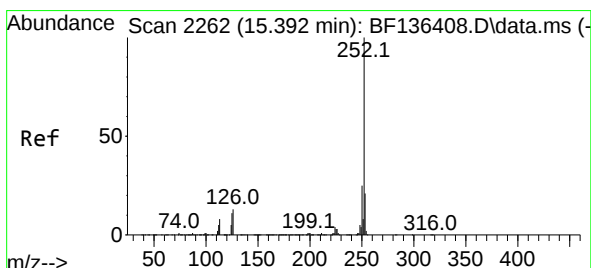
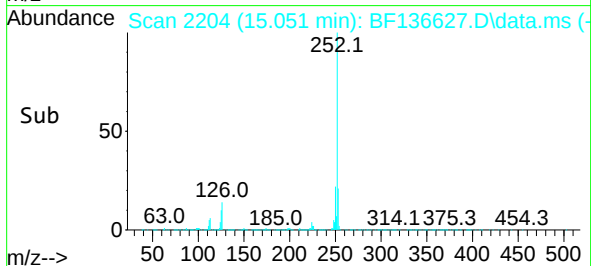
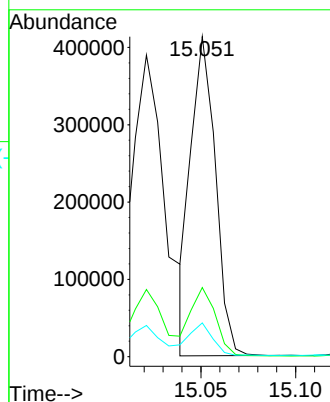
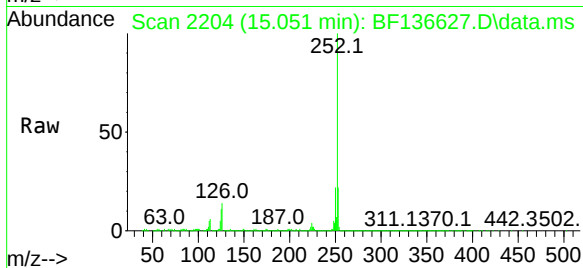
125 10.6 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#90

Benzo(a)pyrene

Concen: 48.571 ng

RT: 15.392 min Scan# 2262

Delta R.T. -0.006 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

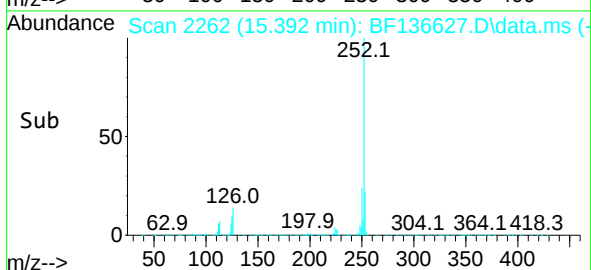
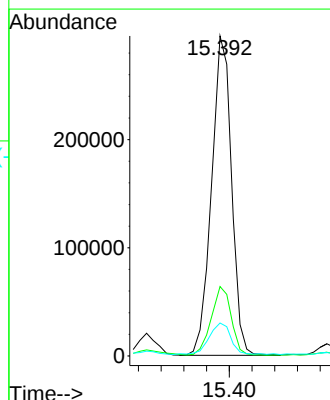
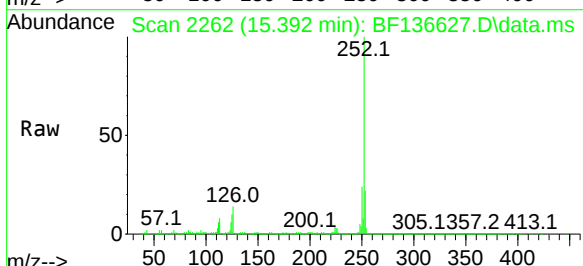
Tgt Ion:252 Resp: 361324

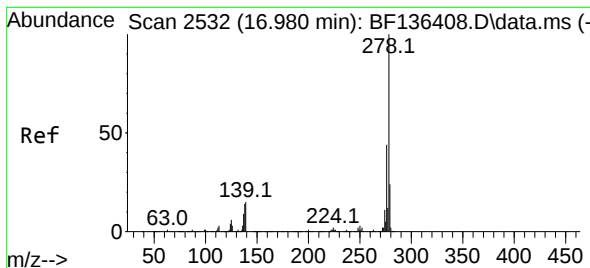
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 10.3 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 41.964 ng

RT: 16.986 min Scan# 2532

Delta R.T. -0.012 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MS

Tgt Ion:278 Resp: 314658

Ion Ratio Lower Upper

278 100

139 16.2 12.2 18.4

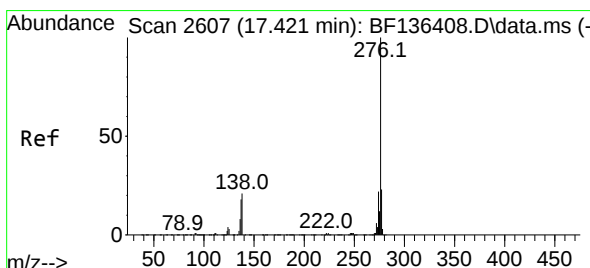
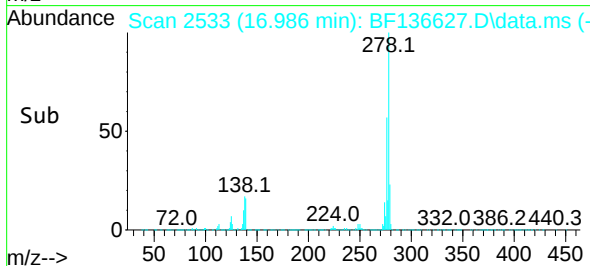
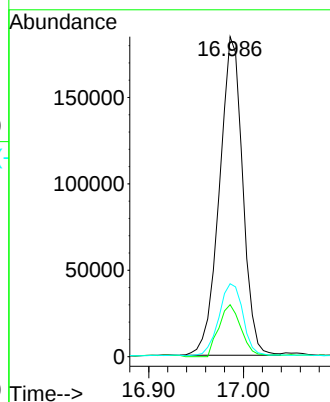
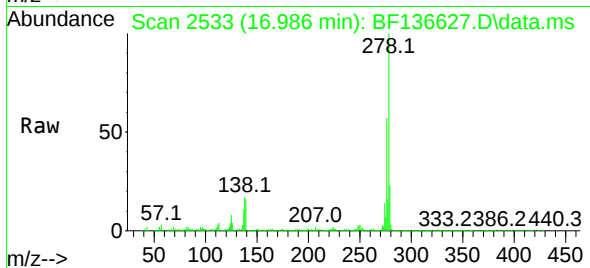
279 22.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/19/2023



#92

Benzo(g,h,i)perylene

Concen: 40.682 ng

RT: 17.427 min Scan# 2608

Delta R.T. -0.012 min

Lab File: BF136627.D

Acq: 18 Dec 2023 21:48

Tgt Ion:276 Resp: 313097

Ion Ratio Lower Upper

276 100

277 24.4 18.7 28.1

138 20.5 16.6 25.0

