

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092923\
 Data File : BF135515.D
 Acq On : 29 Sep 2023 14:41
 Operator : CG\JU
 Sample : 04620-10MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STONE-INMSD

Quant Time: Sep 30 00:20:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :mohammad ahmed 10/03/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	162804	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	616512	20.000	ng	# 0.00
39) Acenaphthene-d10	9.780	164	292342	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	492769	20.000	ng	# 0.00
76) Chrysene-d12	13.933	240	252247	20.000	ng	0.00
86) Perylene-d12	15.392	264	296439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1312821	131.154	ng	0.02
7) Phenol-d6	6.404	99	1547466	121.579	ng	0.00
23) Nitrobenzene-d5	7.322	82	1105213	97.396	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	326799	112.489	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1740045	89.800	ng	0.00
79) Terphenyl-d14	12.868	244	1406250	86.422	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.657	88	221545	50.488	ng	95
3) Pyridine	3.393	79	443526	37.555	ng	95
4) n-Nitrosodimethylamine	3.322	42	339319	54.143	ng	91
6) Aniline	6.422	93	349419	20.935	ng	# 1
8) 2-Chlorophenol	6.539	128	558515	52.268	ng	99
9) Benzaldehyde	6.310	77	84535	11.659	ng	96
10) Phenol	6.422	94	596323	42.726	ng	97
11) bis(2-Chloroethyl)ether	6.492	93	574496	54.875	ng	98
12) 1,3-Dichlorobenzene	6.692	146	523724	48.227	ng	97
13) 1,4-Dichlorobenzene	6.769	146	529598	47.934	ng	99
14) 1,2-Dichlorobenzene	6.916	146	491321	47.885	ng	98
15) Benzyl Alcohol	6.904	79	475298	52.039	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.028	45	991257	50.232	ng	77
17) 2-Methylphenol	7.016	107	427781	45.366	ng	# 95
18) Hexachloroethane	7.251	117	186613	45.712	ng	91
19) n-Nitroso-di-n-propyla...	7.169	70	368466	46.738	ng	94
20) 3+4-Methylphenols	7.175	107	513141	45.256	ng	# 70
22) Acetophenone	7.163	105	718694	50.989	ng	# 93
24) Nitrobenzene	7.339	77	578794	51.604	ng	96
25) Isophorone	7.575	82	1102954	52.932	ng	98
26) 2-Nitrophenol	7.651	139	273583	50.823	ng	93
27) 2,4-Dimethylphenol	7.692	122	439638	48.588	ng	97
28) bis(2-Chloroethoxy)met...	7.780	93	693249	55.585	ng	99
29) 2,4-Dichlorophenol	7.898	162	437934	52.233	ng	97
30) 1,2,4-Trichlorobenzene	7.969	180	448441	51.171	ng	99
31) Naphthalene	8.051	128	1493761	49.868	ng	100
32) Benzoic acid	7.839	122	297314	43.636	ng	99
33) 4-Chloroaniline	8.104	127	167044	12.710	ng	99
34) Hexachlorobutadiene	8.157	225	249912	47.294	ng	99
35) Caprolactam	8.486	113	117567m	41.781	ng	
36) 4-Chloro-3-methylphenol	8.604	107	465298	49.933	ng	98
37) 2-Methylnaphthalene	8.739	142	936657	46.518	ng	97
38) 1-Methylnaphthalene	8.839	142	895477	47.502	ng	99
40) 1,2,4,5-Tetrachloroben...	8.910	216	437814	51.694	ng	99
41) Hexachlorocyclopentadiene	8.886	237	161164	46.584	ng	99
43) 2,4,6-Trichlorophenol	9.027	196	285115	51.416	ng	98

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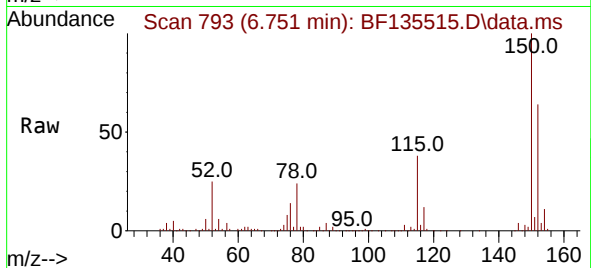
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	297211	46.541	ng	97
46) 1,1'-Biphenyl	9.204	154	1165923	51.897	ng	98
47) 2-Chloronaphthalene	9.233	162	862954	52.941	ng	99
48) 2-Nitroaniline	9.339	65	342337	54.059	ng	98
49) Acenaphthylene	9.645	152	1369067	50.538	ng	99
50) Dimethylphthalate	9.516	163	1046803	52.962	ng	100
51) 2,6-Dinitrotoluene	9.580	165	220294	50.877	ng	97
52) Acenaphthene	9.816	154	799593	49.964	ng	98
53) 3-Nitroaniline	9.751	138	160250	31.529	ng	98
54) 2,4-Dinitrophenol	9.869	184	137867	57.955	ng	92
55) Dibenzofuran	9.992	168	1120137	45.868	ng	100
56) 4-Nitrophenol	9.933	139	226300	70.056	ng	94
57) 2,4-Dinitrotoluene	9.992	165	233059	42.994	ng	# 83
58) Fluorene	10.339	166	886091	47.198	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	229931	46.807	ng	100
60) Diethylphthalate	10.216	149	1007850	50.809	ng	99
61) 4-Chlorophenyl-phenyle...	10.327	204	416234	46.154	ng	95
62) 4-Nitroaniline	10.374	138	219833	44.996	ng	94
63) Azobenzene	10.486	77	992293	51.113	ng	95
65) 4,6-Dinitro-2-methylph...	10.404	198	100107	38.249	ng	95
66) n-Nitrosodiphenylamine	10.451	169	832930	55.832	ng	98
67) 4-Bromophenyl-phenylether	10.821	248	255855	52.205	ng	98
68) Hexachlorobenzene	10.886	284	263833	52.841	ng	94
69) Atrazine	10.986	200	242300	60.362	ng	99
70) Pentachlorophenol	11.086	266	225724	75.562	ng	97
71) Phenanthrene	11.304	178	1198631	51.430	ng	99
72) Anthracene	11.351	178	1221918	51.007	ng	100
73) Carbazole	11.516	167	1128043	51.727	ng	99
74) Di-n-butylphthalate	11.845	149	1453839	56.576	ng	99
75) Fluoranthene	12.492	202	1164869	47.968	ng	97
77) Benzidine	12.621	184	175811	34.021	ng	99
78) Pyrene	12.727	202	1166633	48.578	ng	99
80) Butylbenzylphthalate	13.345	149	505634	59.799	ng	93
81) Benzo(a)anthracene	13.921	228	877644	53.882	ng	98
82) 3,3'-Dichlorobenzidine	13.886	252	184953	36.353	ng	98
83) Chrysene	13.957	228	857807	52.970	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	644850	74.318	ng	99
85) Di-n-octyl phthalate	14.527	149	1108007	80.353	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	877202	45.132	ng	96
88) Benzo(b)fluoranthene	14.968	252	916342	57.103	ng	# 96
89) Benzo(k)fluoranthene	14.998	252	760796	47.994	ng	# 97
90) Benzo(a)pyrene	15.333	252	772509	50.480	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	729743	45.886	ng	99
92) Benzo(g,h,i)perylene	17.321	276	691829	41.654	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 79
Delta R.T. 0.000 min
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Acq: 29 Sep 2023 14:41

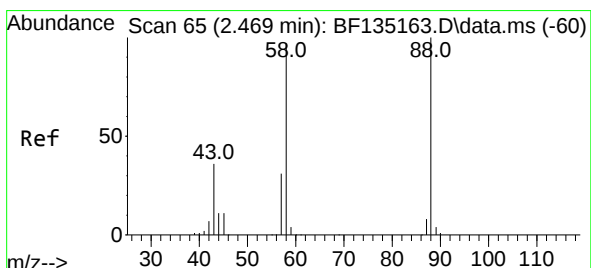
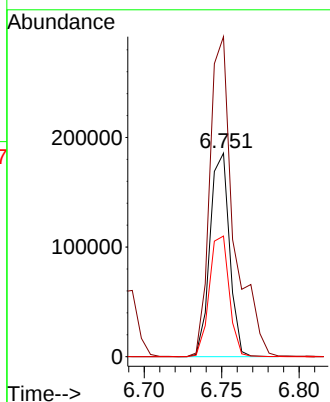
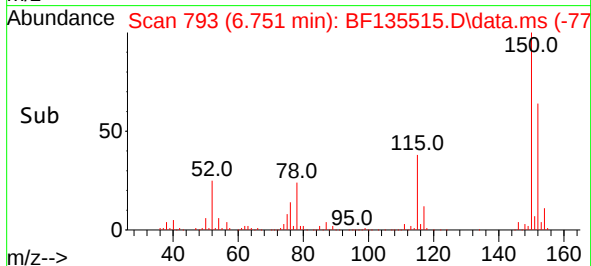
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



Tgt Ion:152 Resp: 162804
Ion Ratio Lower Upper
152 100
150 157.2 127.8 191.6
115 59.3 49.8 74.8

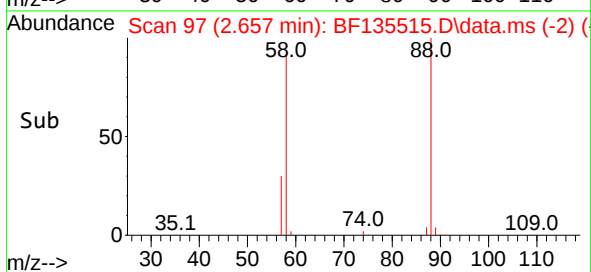
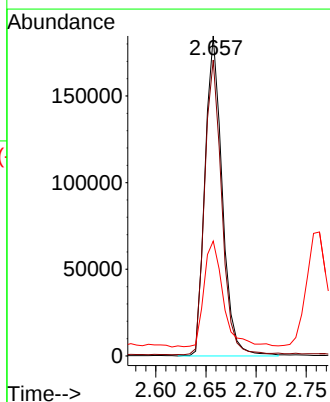
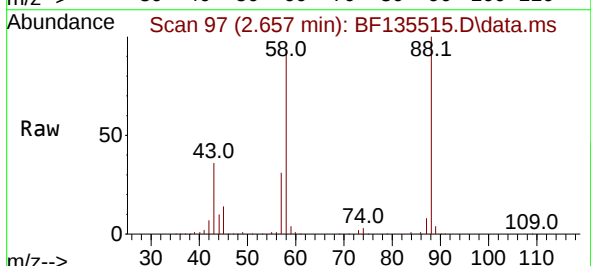
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#2
1,4-Dioxane
Concen: 50.488 ng
RT: 2.657 min Scan# 97
Delta R.T. 0.212 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

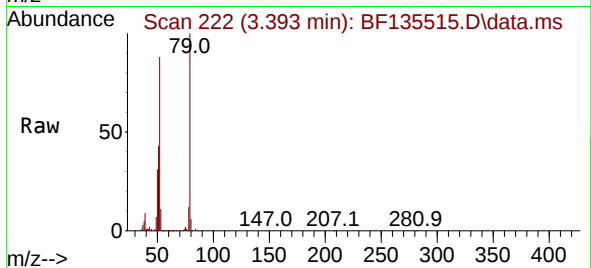
Tgt Ion: 88 Resp: 221545
Ion Ratio Lower Upper
88 100
58 91.1 78.3 117.5
43 36.7 29.4 44.0





#3
Pyridine
Concen: 37.555 ng
RT: 3.393 min Scan# 210
Delta R.T. 0.194 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

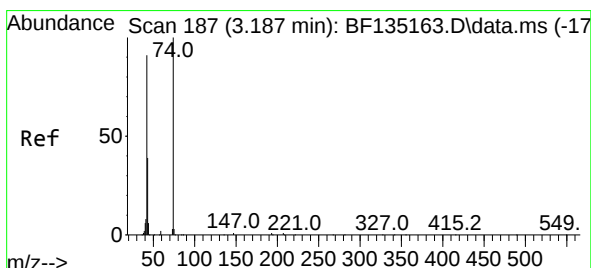
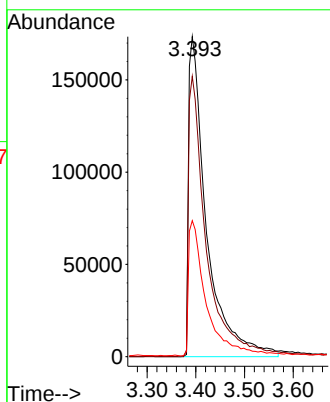
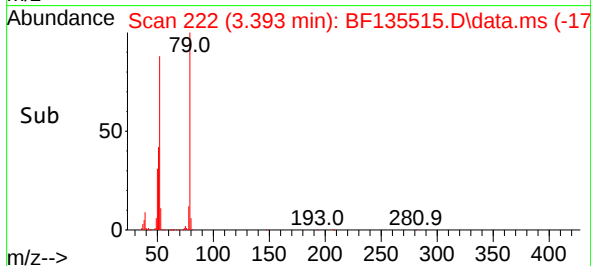
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ClientSampleId :
STONE-INMSD



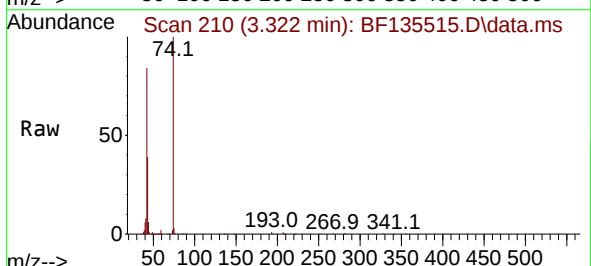
Tgt Ion: 79 Resp: 443520
Ion Ratio Lower Upper
79 100
52 87.6 74.1 111.1
51 42.5 35.8 53.8

Manual Integrations
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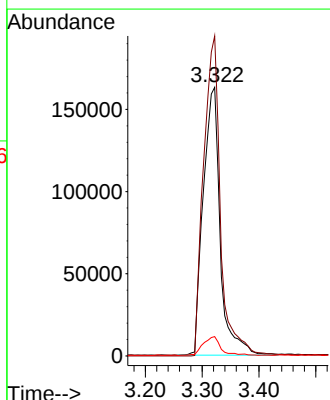
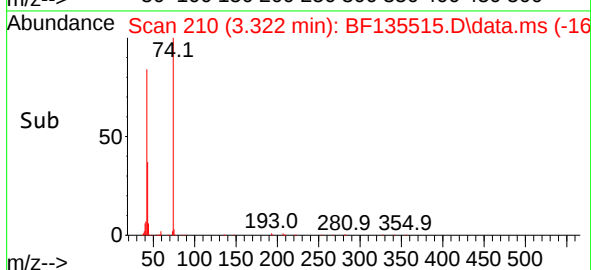
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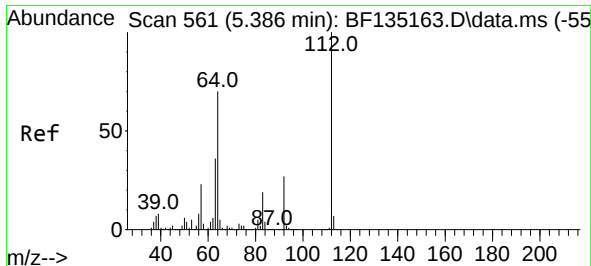


#4
n-Nitrosodimethylamine
Concen: 54.143 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.153 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41



Tgt Ion: 42 Resp: 339319
Ion Ratio Lower Upper
42 100
74 119.1 87.7 131.5
44 7.2 5.6 8.4





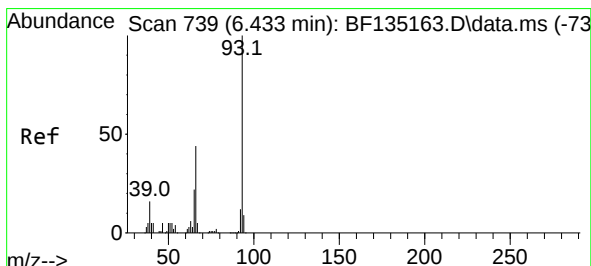
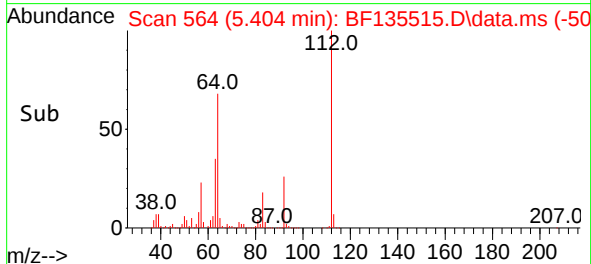
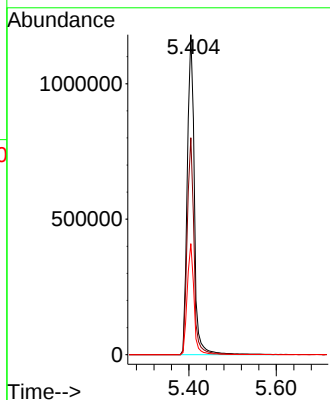
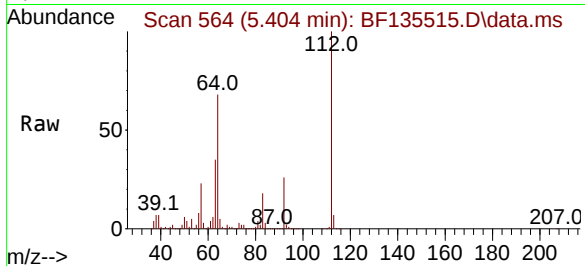
#5
2-Fluorophenol
Concen: 131.154 ng
RT: 5.404 min Scan# 501
Delta R.T. 0.023 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

Tgt Ion:112 Resp: 131282
Ion Ratio Lower Upper
112 100
64 67.8 55.9 83.9
63 34.7 29.0 43.6

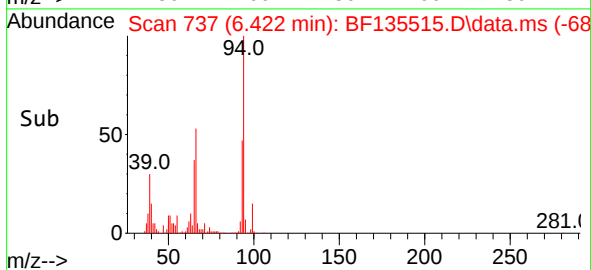
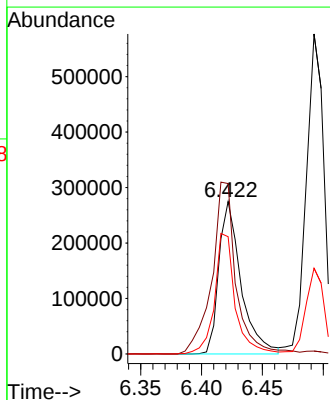
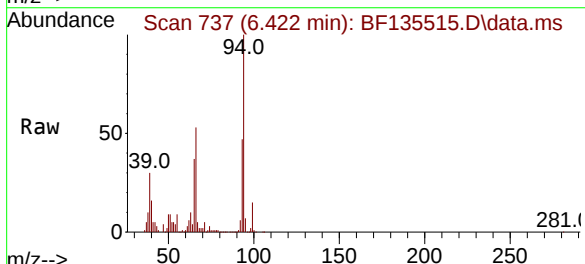
Manual Integrations
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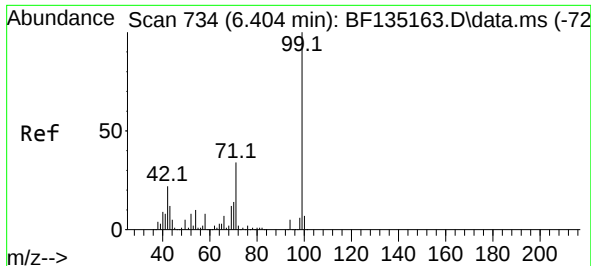
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#6
Aniline
Concen: 20.935 ng
RT: 6.422 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

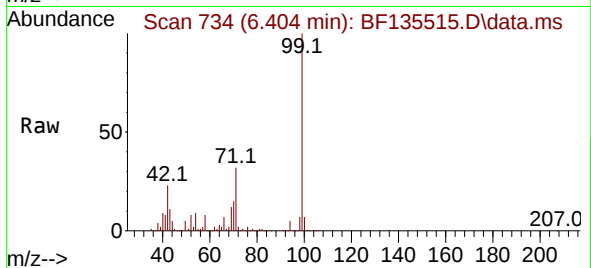
Tgt Ion: 93 Resp: 349419
Ion Ratio Lower Upper
93 100
66 111.9 35.4 53.0#
65 76.9 17.8 26.8#





#7
Phenol-d6
Concen: 121.579 ng
RT: 6.404 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

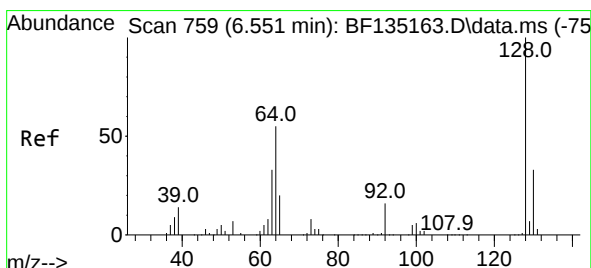
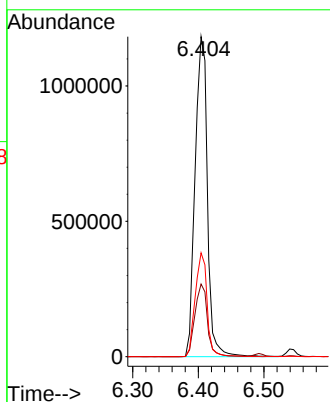
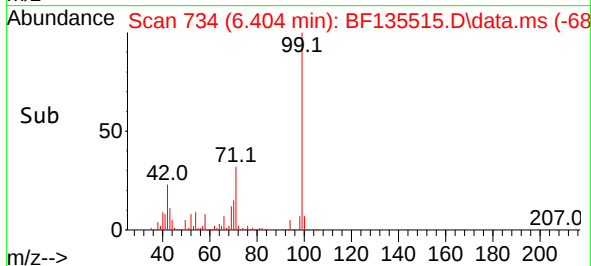
Instrument :
BNA_F
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STONE-INMSD



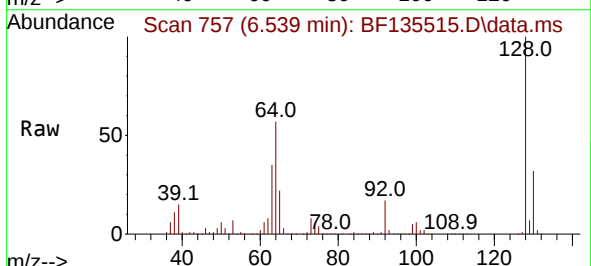
Tgt Ion: 99 Resp: 1547460
Ion Ratio Lower Upper
99 100
42 22.7 17.9 26.9
71 32.4 27.0 40.6

Manual Integrations
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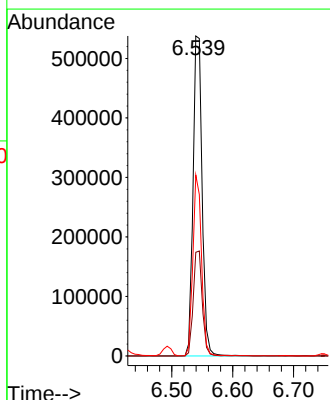
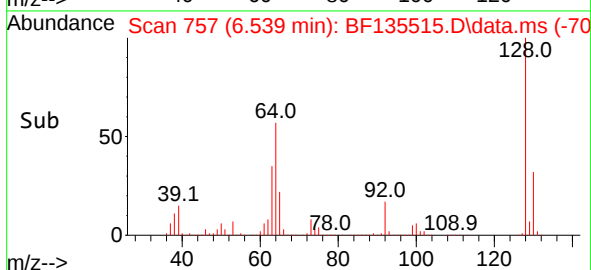
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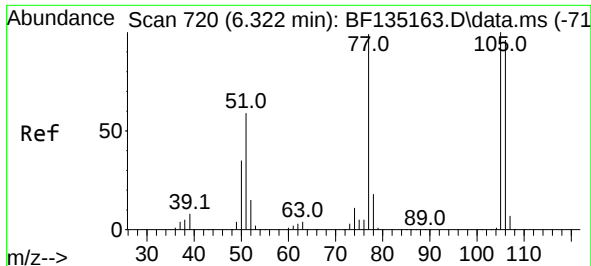


#8
2-Chlorophenol
Concen: 52.268 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41



Tgt Ion:128 Resp: 558515
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 56.6 35.9 75.9





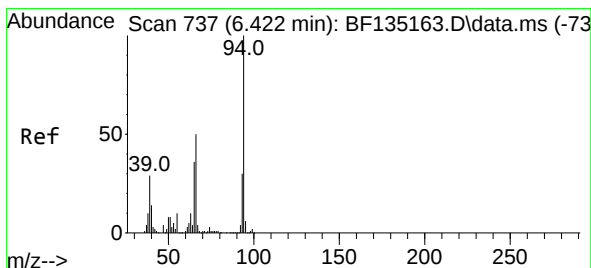
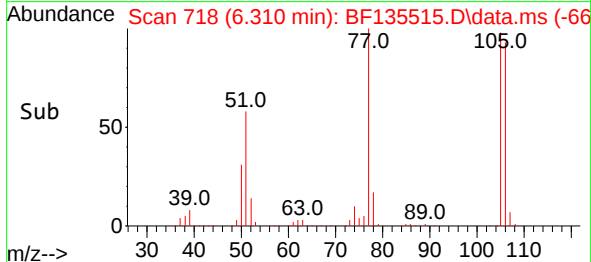
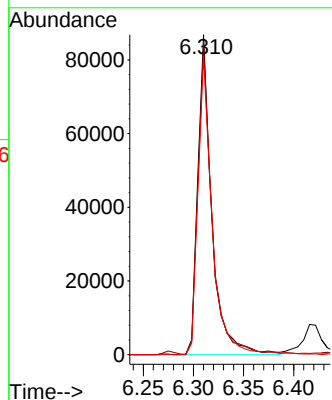
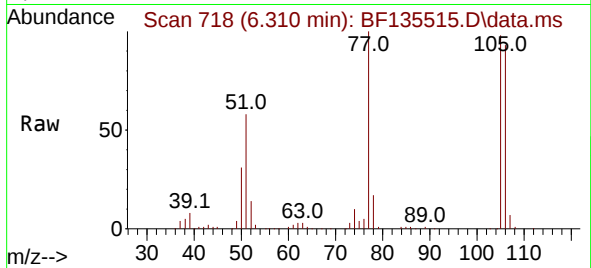
#9
Benzaldehyde
Concen: 11.659 ng
RT: 6.310 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

Tgt Ion: 77 Resp: 8453
Ion Ratio Lower Upper
77 100
105 97.6 81.4 121.4
106 93.0 76.9 116.9

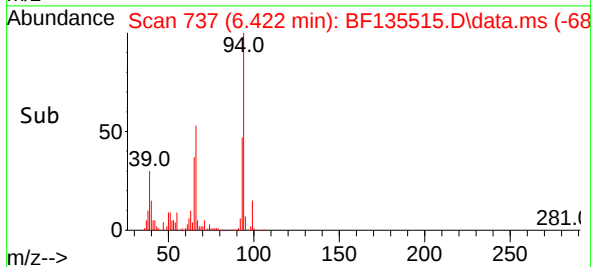
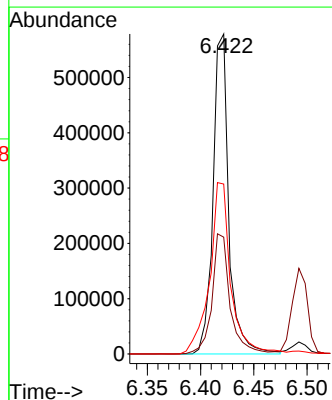
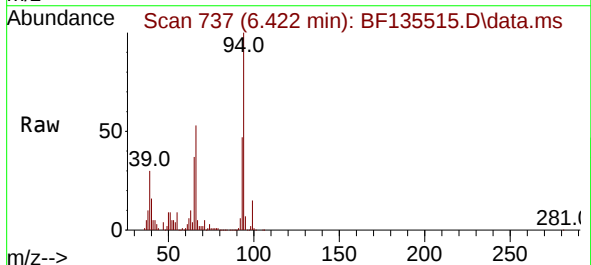
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#10
Phenol
Concen: 42.726 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion: 94 Resp: 596323
Ion Ratio Lower Upper
94 100
65 36.5 15.9 55.9
66 53.1 29.8 69.8





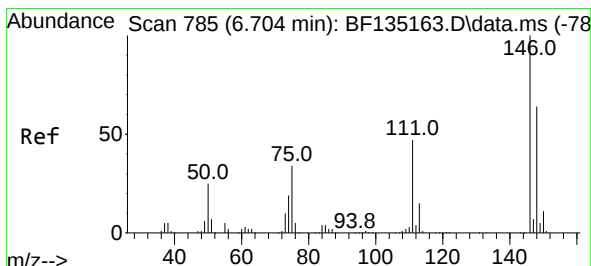
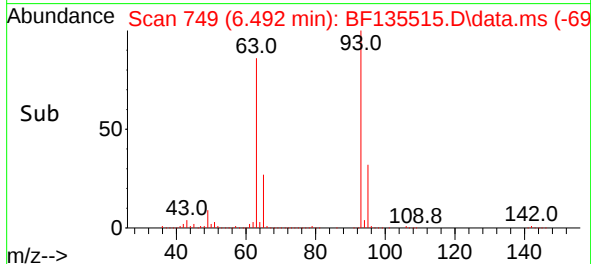
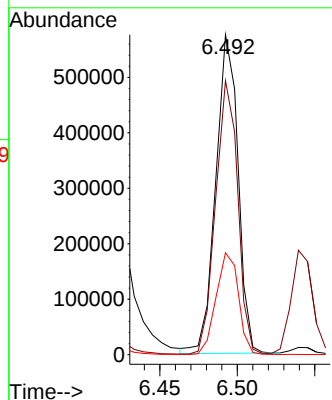
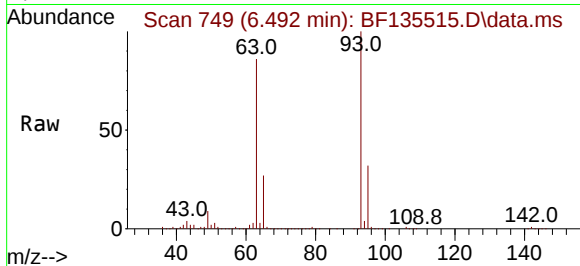
#11
bis(2-Chloroethyl)ether
Concen: 54.875 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

Tgt Ion: 93 Resp: 574490
Ion Ratio Lower Upper
93 100
63 85.7 67.3 107.3
95 31.9 12.7 52.7

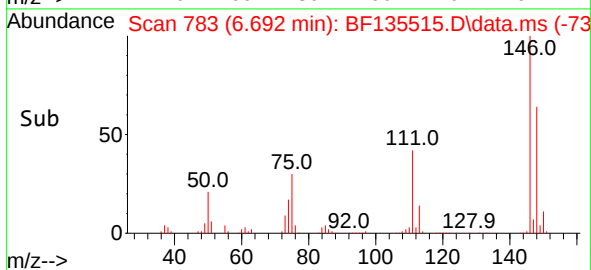
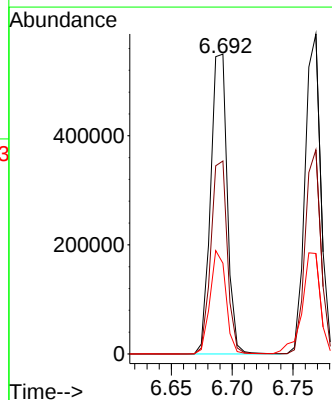
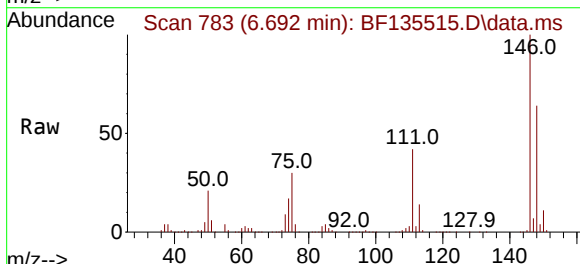
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#12
1,3-Dichlorobenzene
Concen: 48.227 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

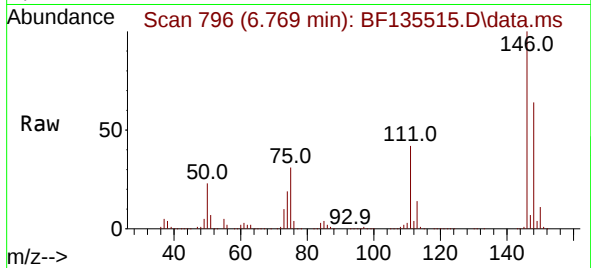
Tgt Ion:146 Resp: 523724
Ion Ratio Lower Upper
146 100
148 64.4 51.3 76.9
75 30.2 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 47.934 ng
RT: 6.769 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

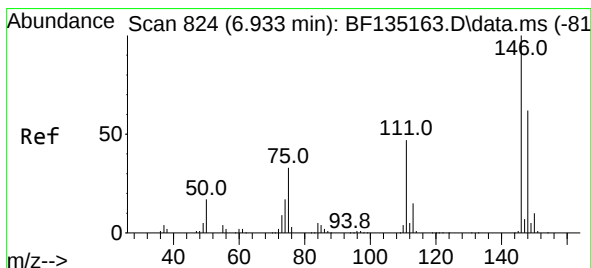
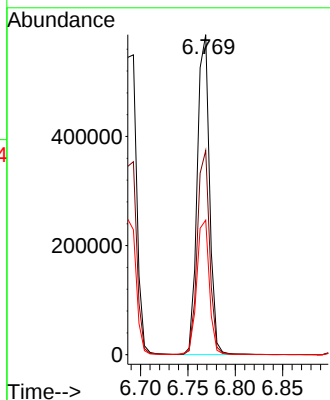
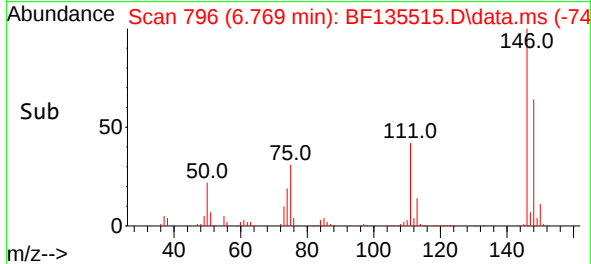
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



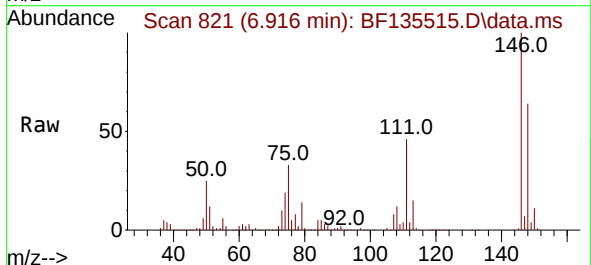
Tgt Ion:146 Resp: 529598
Ion Ratio Lower Upper
146 100
148 63.8 51.3 76.9
111 42.1 35.1 52.7

Manual Integrations
APPROVED

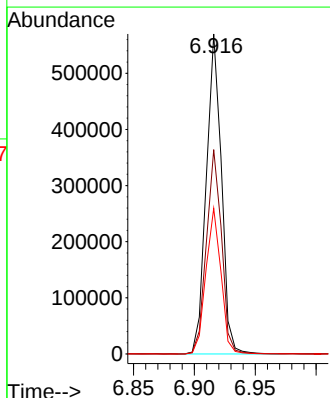
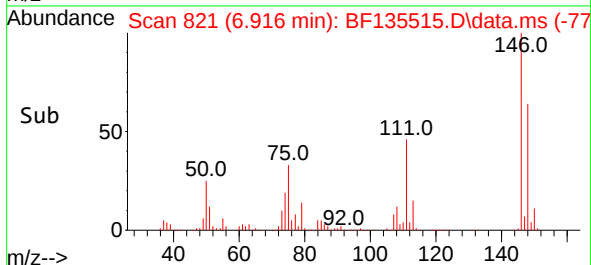
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

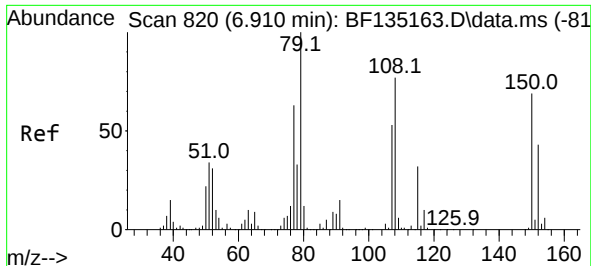


#14
1,2-Dichlorobenzene
Concen: 47.885 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41



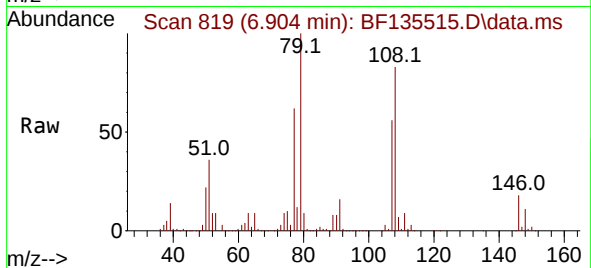
Tgt Ion:146 Resp: 491321
Ion Ratio Lower Upper
146 100
148 63.8 49.7 74.5
111 45.5 37.4 56.2





#15
Benzyl Alcohol
Concen: 52.039 ng
RT: 6.904 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

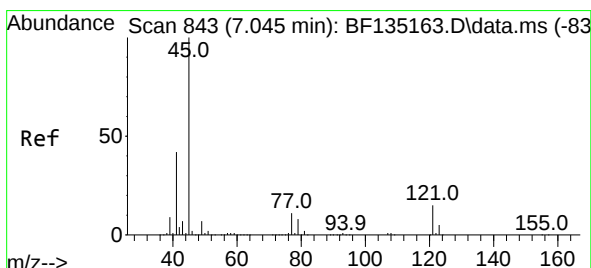
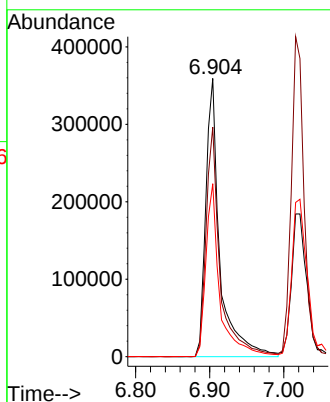
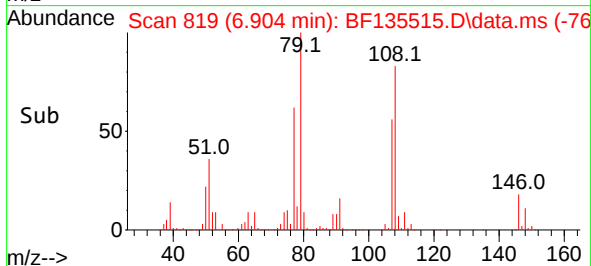
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



Tgt Ion: 79 Resp: 475298
Ion Ratio Lower Upper
79 100
108 82.5 61.2 91.8
77 62.2 50.5 75.7

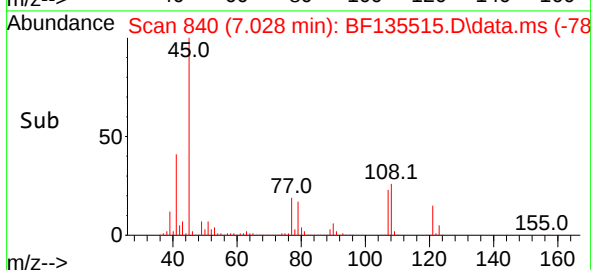
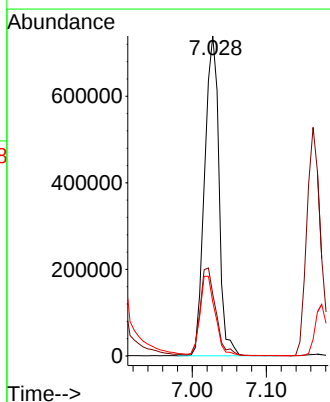
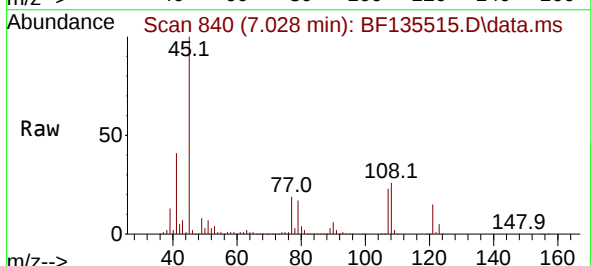
Manual Integrations
APPROVED

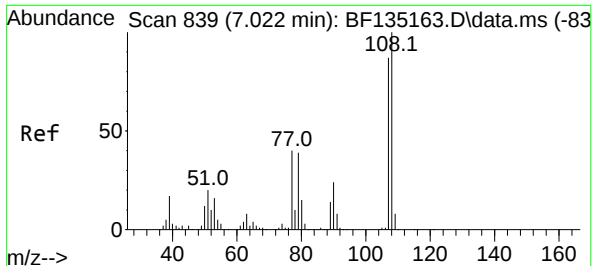
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.232 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

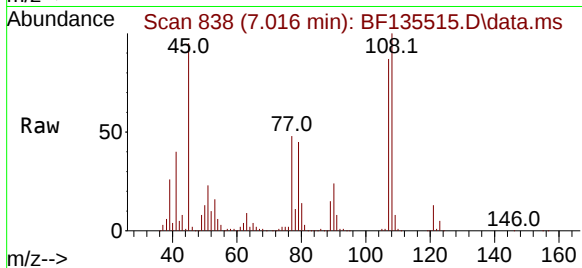
Tgt Ion: 45 Resp: 991257
Ion Ratio Lower Upper
45 100
77 19.3 0.0 30.6
79 16.9 0.0 28.3





#17
2-Methylphenol
Concen: 45.366 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

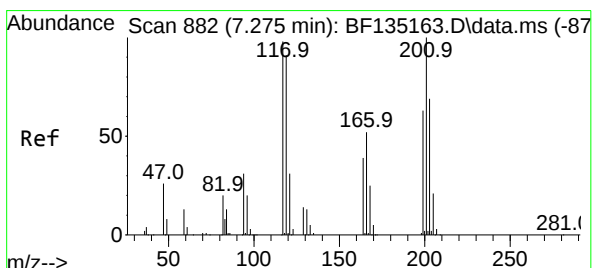
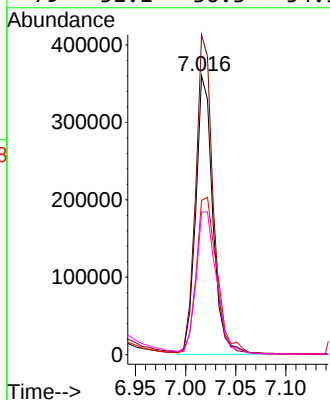
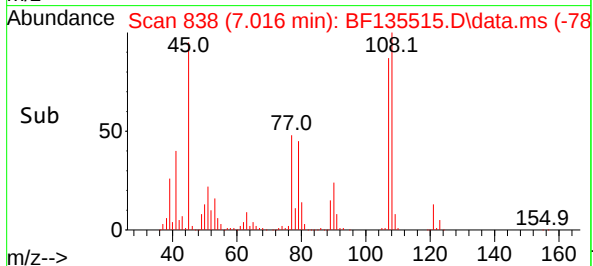
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



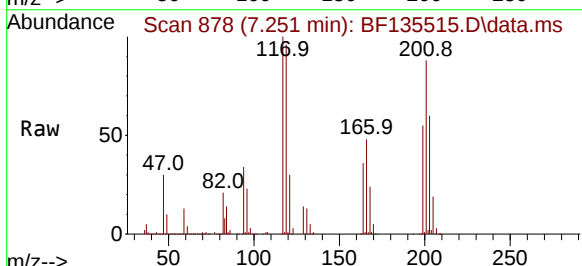
Tgt Ion:107 Resp: 42778
Ion Ratio Lower Upper
107 100
108 114.7 92.0 138.0
77 55.3 36.7 55.1
79 51.1 36.3 54.5

Manual Integrations
APPROVED

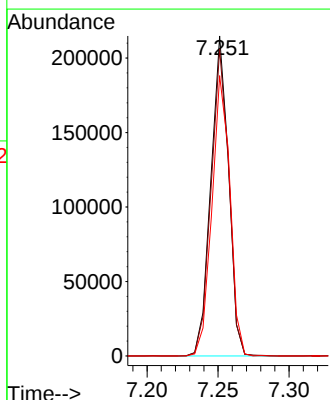
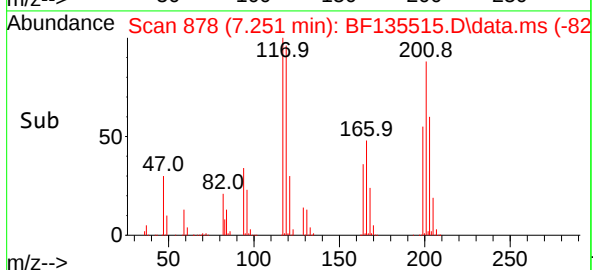
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#18
Hexachloroethane
Concen: 45.712 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41



Tgt Ion:117 Resp: 186613
Ion Ratio Lower Upper
117 100
119 95.9 74.7 112.1
201 87.6 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 46.738 ng

RT: 7.169 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF135515.D

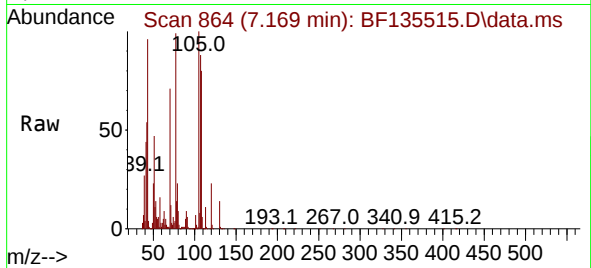
Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD



Tgt Ion: 70 Resp: 36846

Ion Ratio Lower Upper

70 100

42 75.7 55.4 83.0

101 9.8 7.7 11.5

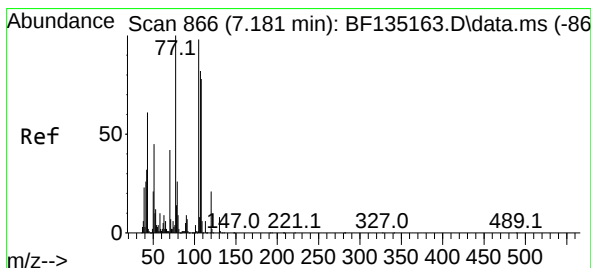
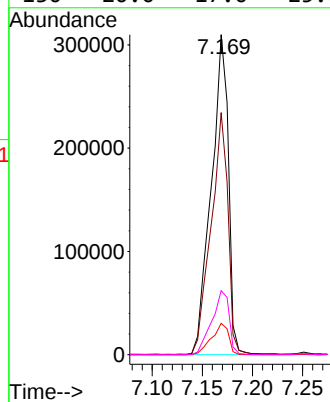
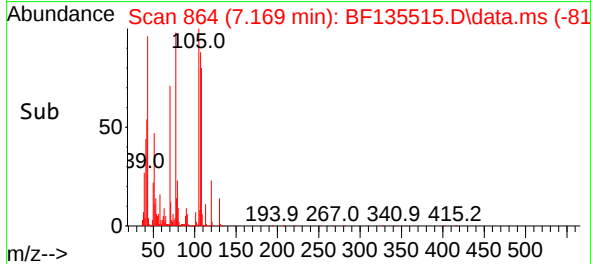
130 20.0 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#20

3+4-Methylphenols

Concen: 45.256 ng

RT: 7.175 min Scan# 865

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Tgt Ion:107 Resp: 513141

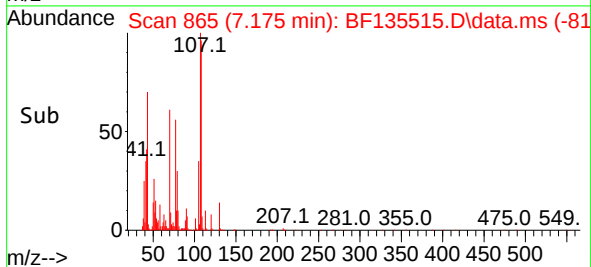
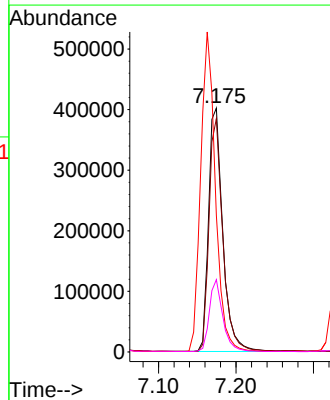
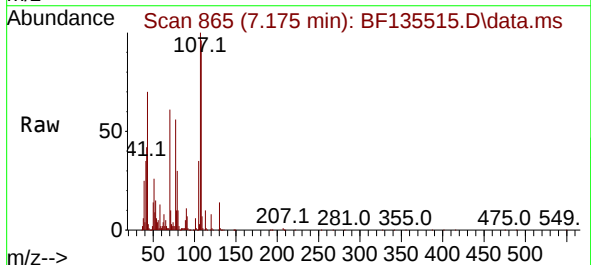
Ion Ratio Lower Upper

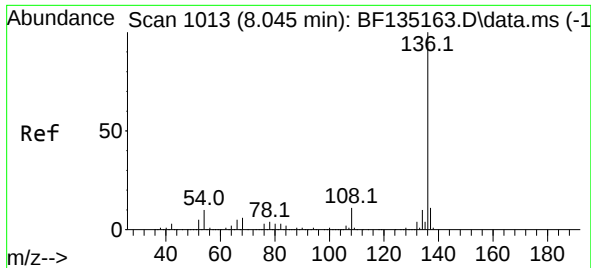
107 100

108 95.7 74.7 114.7

77 56.1 102.0 142.0#

79 29.7 11.7 51.7





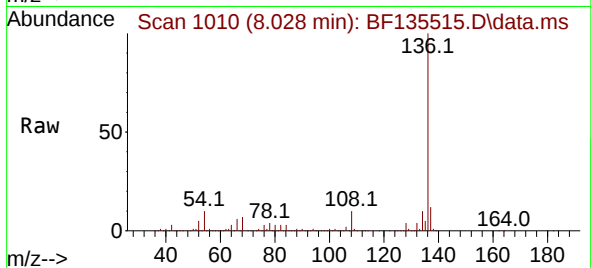
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

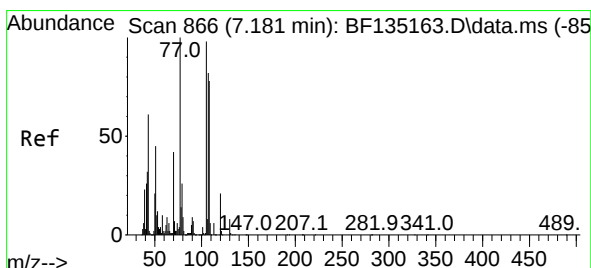
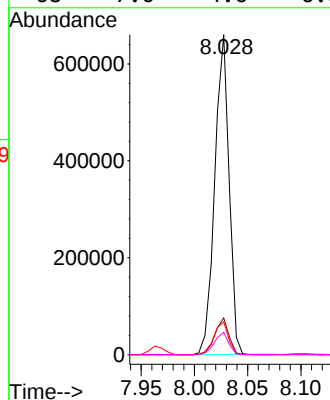
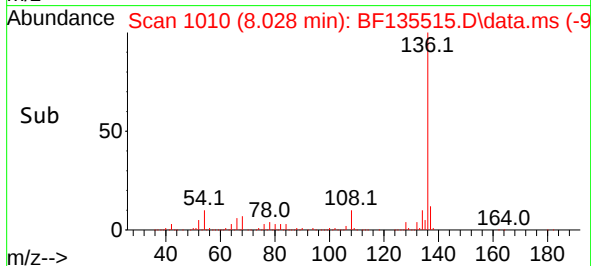


Tgt Ion:136 Resp: 616512
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 10.3 7.7 11.5
68 7.0 4.6 6.8#

Manual Integrations

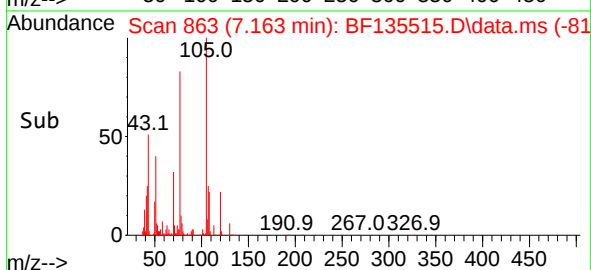
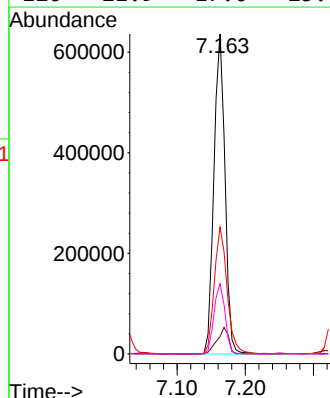
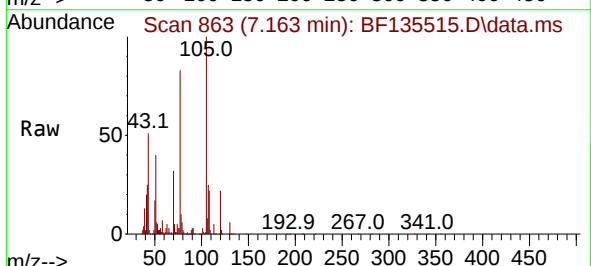
APPROVED

Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#22
Acetophenone
Concen: 50.989 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:105 Resp: 718694
Ion Ratio Lower Upper
105 100
71 5.4 5.8 8.6#
51 39.6 37.0 55.4
120 21.9 17.0 25.6





#23
Nitrobenzene-d5
Concen: 97.396 ng
RT: 7.322 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

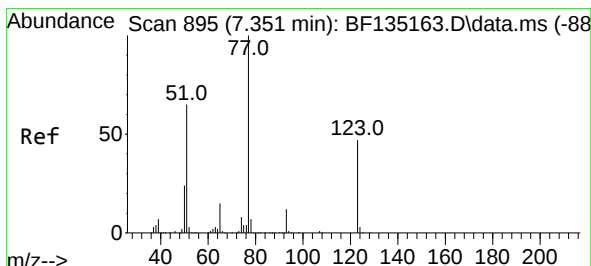
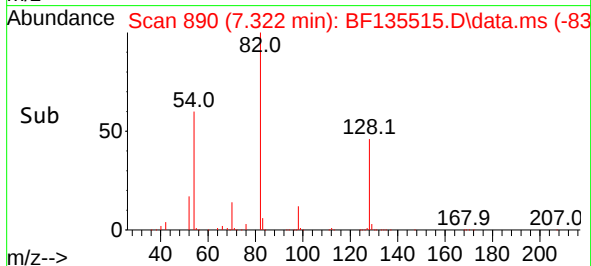
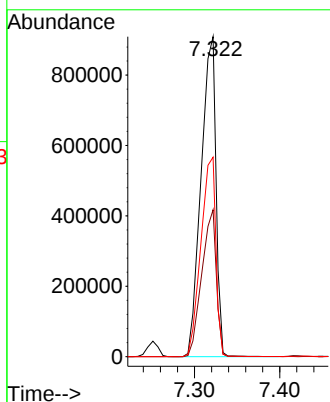
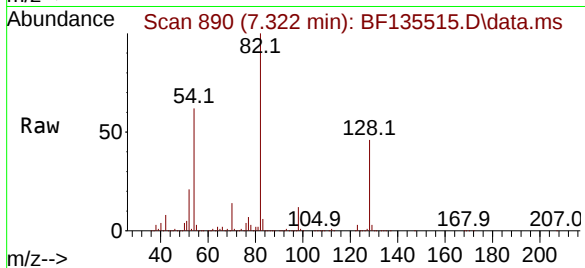
ClientSampleId :

STONE-INMSD

Tgt Ion: 82 Resp: 110521
Ion Ratio Lower Upper
82 100
128 45.9 35.8 53.6
54 62.3 50.6 76.0

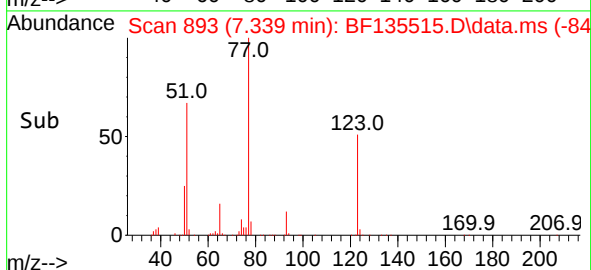
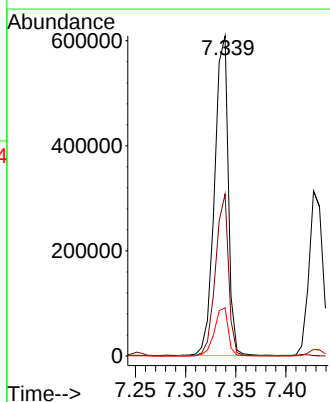
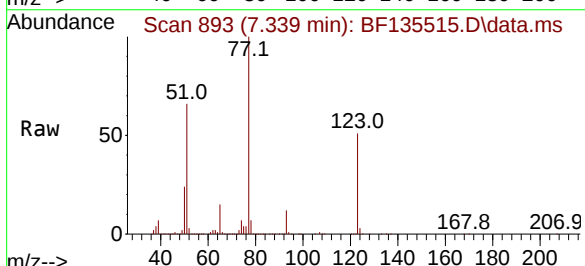
Manual Integrations
APPROVED

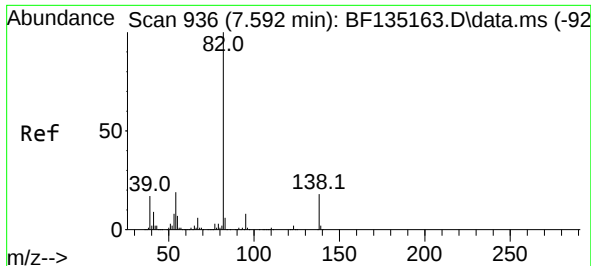
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#24
Nitrobenzene
Concen: 51.604 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

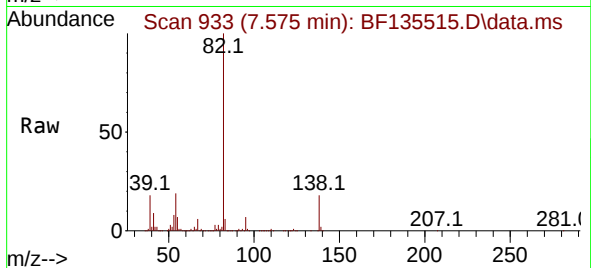
Tgt Ion: 77 Resp: 578794
Ion Ratio Lower Upper
77 100
123 50.6 37.6 56.4
65 15.0 12.2 18.4





#25
Isophorone
Concen: 52.932 ng
RT: 7.575 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

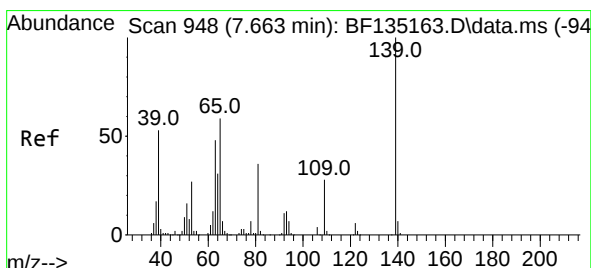
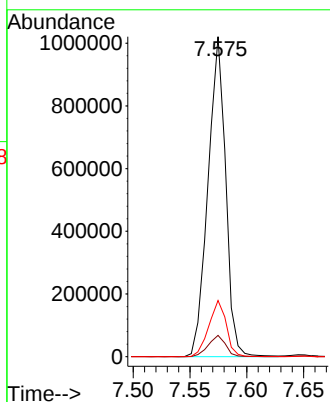
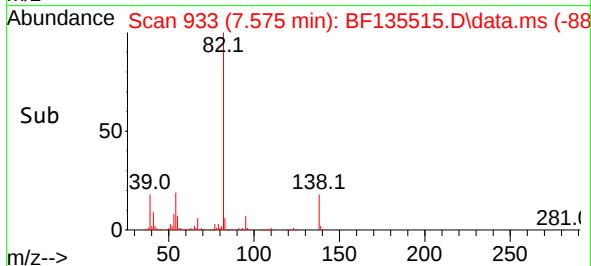
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



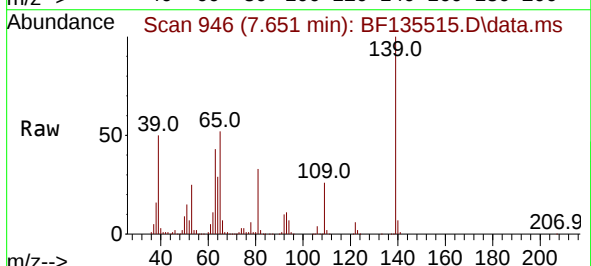
Tgt Ion: 82 Resp: 1102954
Ion Ratio Lower Upper
82 100
95 6.7 6.0 9.0
138 17.5 14.5 21.7

Manual Integrations
APPROVED

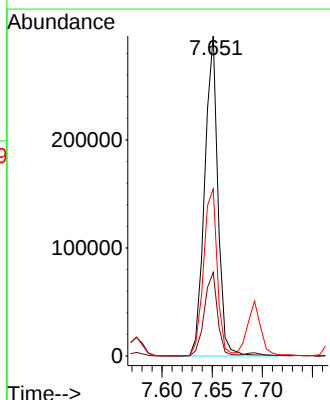
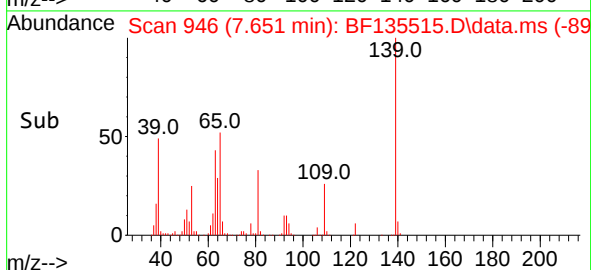
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#26
2-Nitrophenol
Concen: 50.823 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41



Tgt Ion:139 Resp: 273583
Ion Ratio Lower Upper
139 100
109 26.1 22.6 33.8
65 52.2 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 48.588 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135515.D

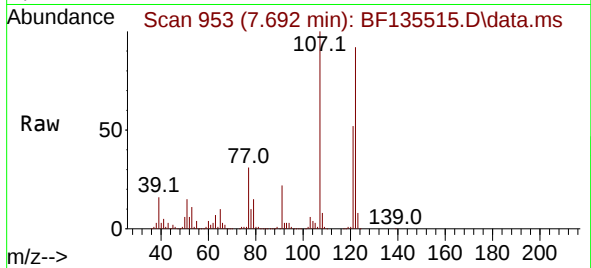
Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD



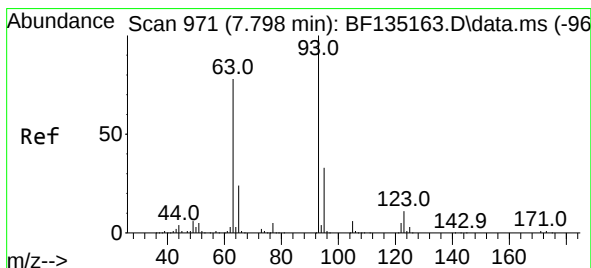
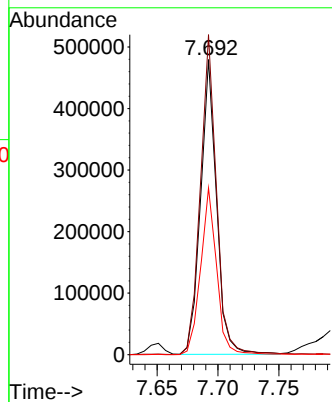
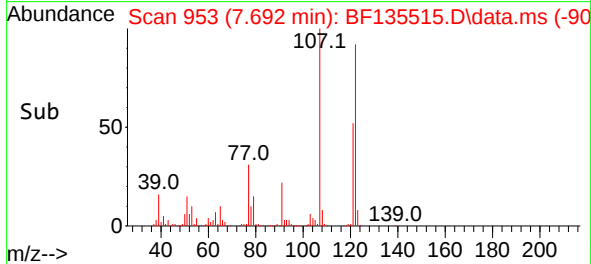
Tgt Ion	Ratio	Lower	Upper
122	100		
107	108.5	90.2	135.4
121	56.5	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#28

bis(2-Chloroethoxy)methane

Concen: 55.585 ng

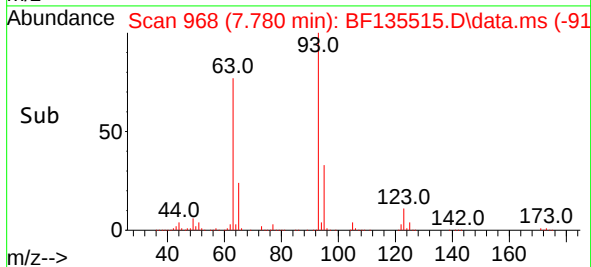
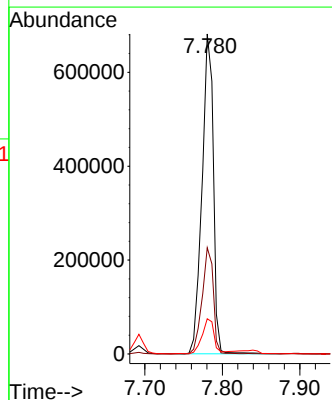
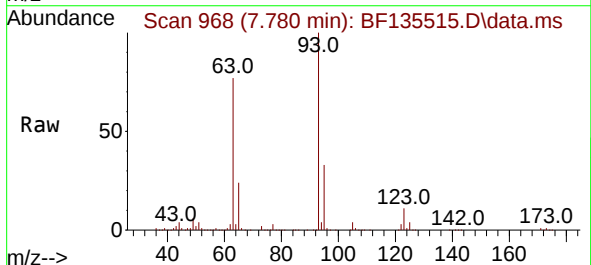
RT: 7.780 min Scan# 968

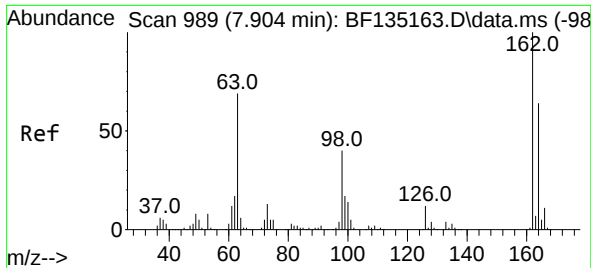
Delta R.T. -0.006 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.2
123	11.0	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 52.233 ng

RT: 7.898 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

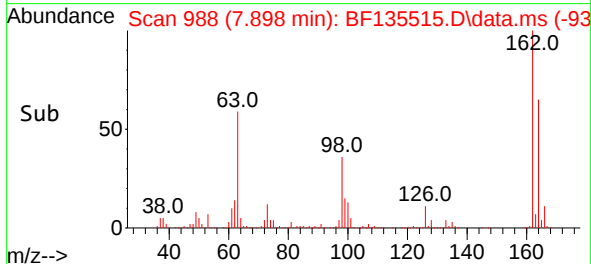
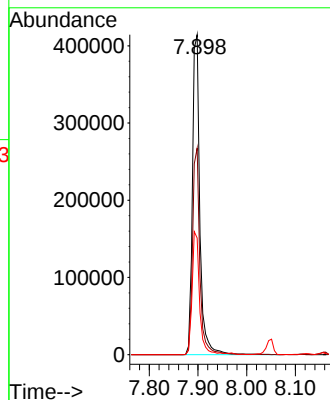
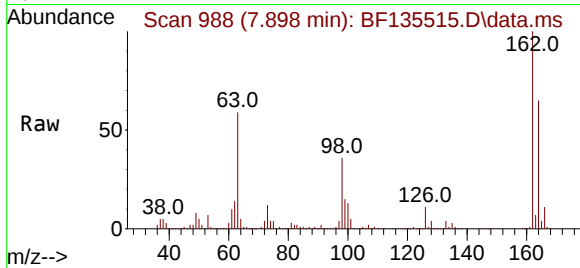
Tgt Ion:162 Resp: 437934
 Ion Ratio Lower Upper
 162 100
 164 64.6 44.1 84.1
 98 36.4 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#30

1,2,4-Trichlorobenzene

Concen: 51.171 ng

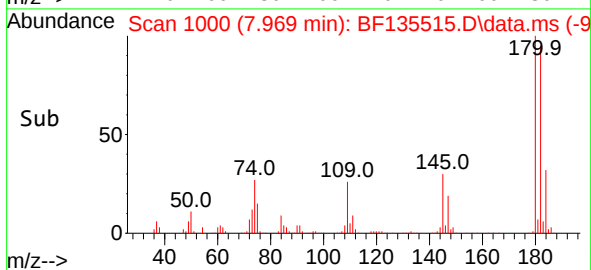
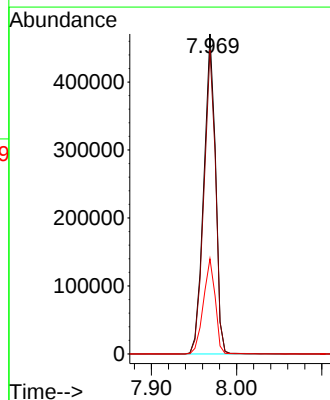
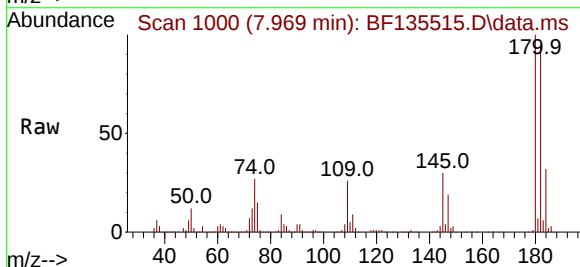
RT: 7.969 min Scan# 1000

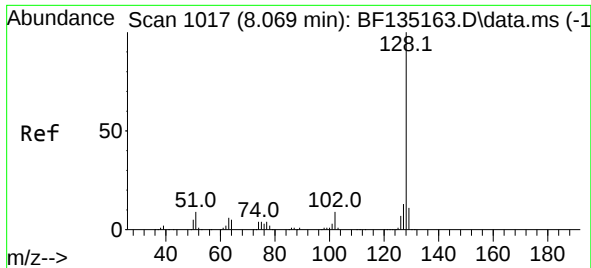
Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Tgt Ion:180 Resp: 448441
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.9 115.3
 145 29.8 24.5 36.7





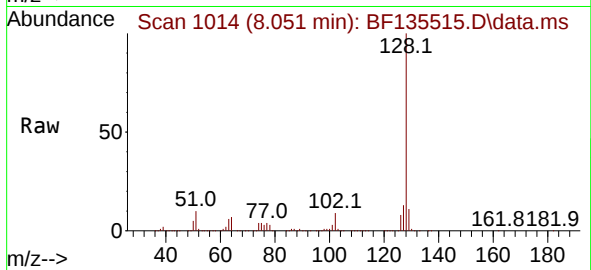
#31
Naphthalene
Concen: 49.868 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

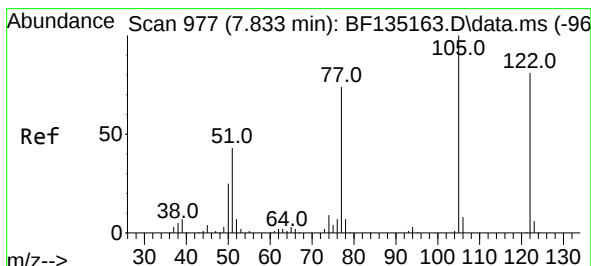
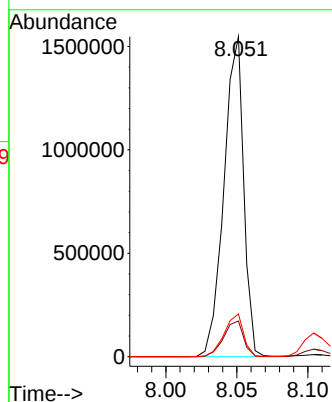
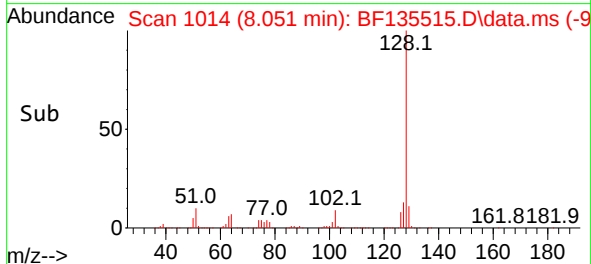


Tgt Ion:128 Resp: 149376
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.7 16.1

Manual Integrations

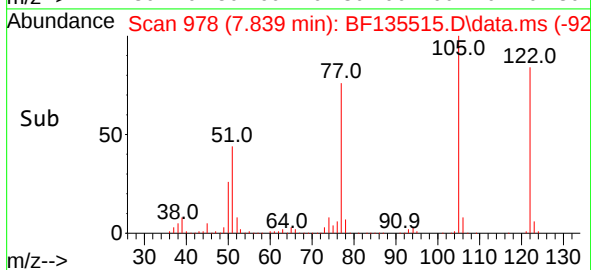
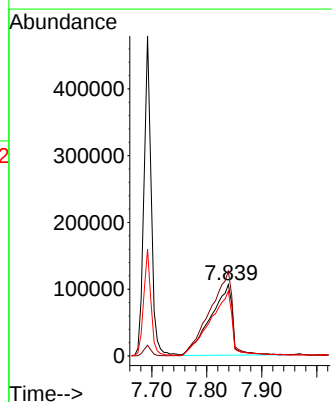
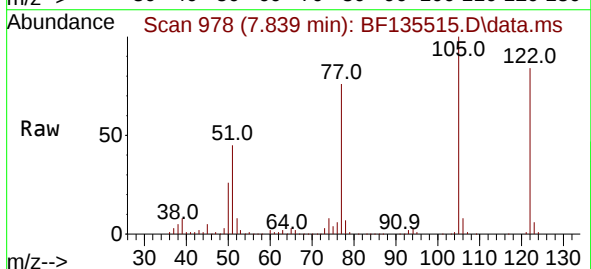
APPROVED

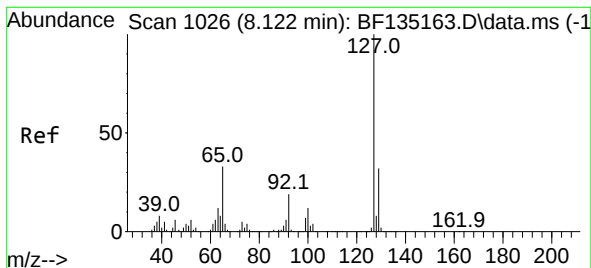
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#32
Benzoic acid
Concen: 43.636 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:122 Resp: 297314
Ion Ratio Lower Upper
122 100
105 118.9 99.9 139.9
77 90.9 70.0 110.0





#33

4-Chloroaniline

Concen: 12.710 ng

RT: 8.104 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

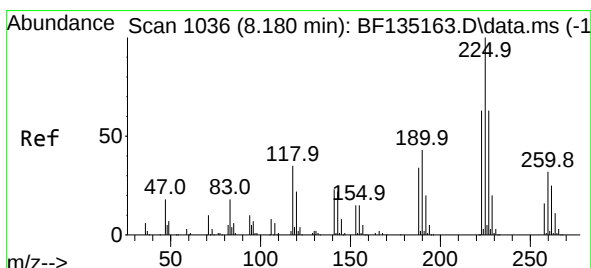
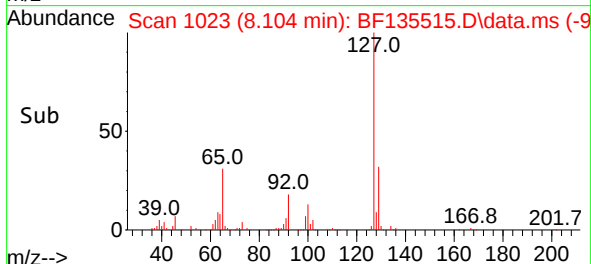
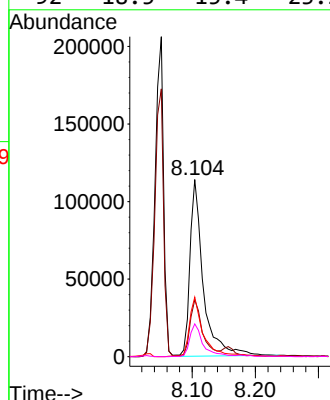
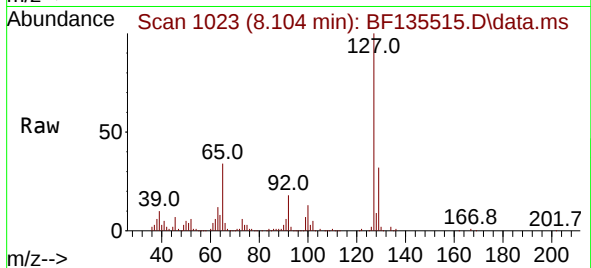
Tgt Ion:	127	Resp:	167044
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.8	38.8
65	33.7	26.6	39.8
92	18.5	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#34

Hexachlorobutadiene

Concen: 47.294 ng

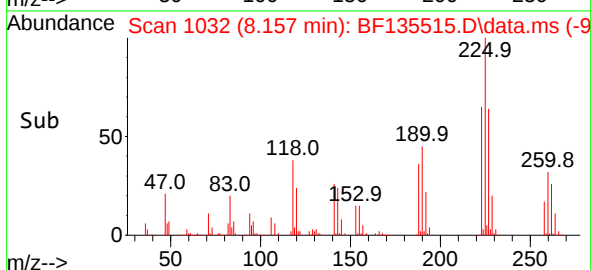
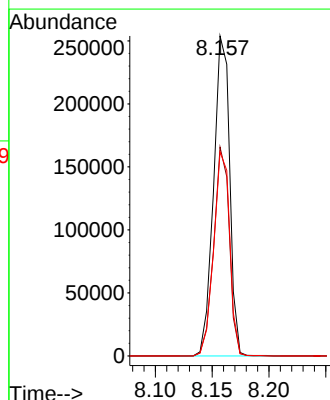
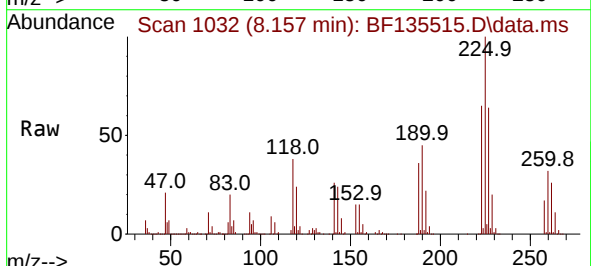
RT: 8.157 min Scan# 1032

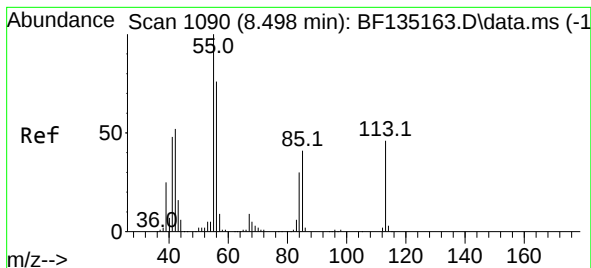
Delta R.T. -0.006 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

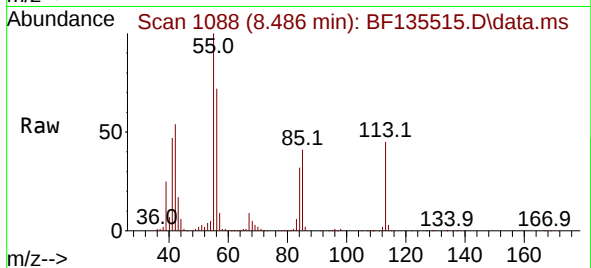
Tgt Ion:	225	Resp:	249912
Ion Ratio	Lower	Upper	
225	100		
223	65.2	50.6	75.8
227	63.8	50.8	76.2





#35
Caprolactam
Concen: 41.781 ng m
RT: 8.486 min Scan# 1090
Delta R.T. -0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

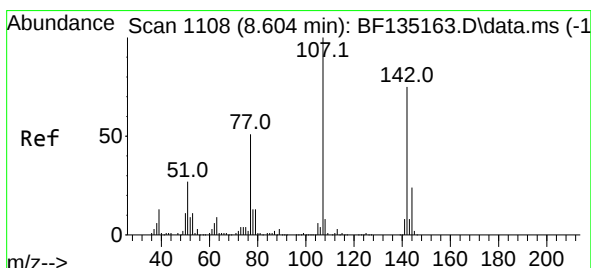
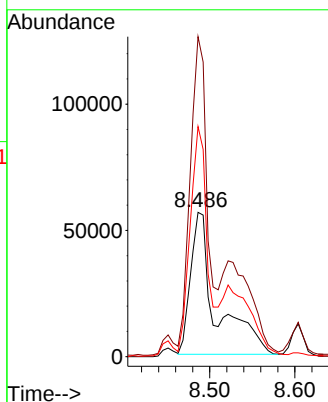
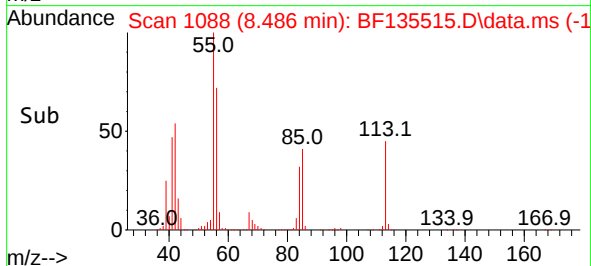
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



Tgt Ion:113 Resp: 11756
Ion Ratio Lower Upper
113 100
55 221.6 199.3 239.3
56 159.3 146.3 186.3

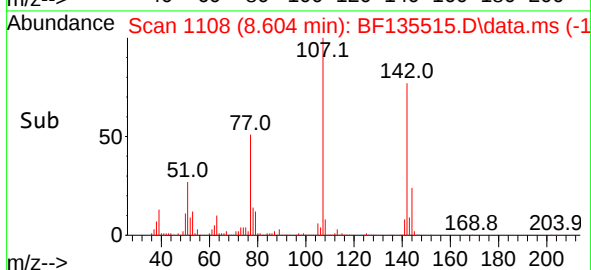
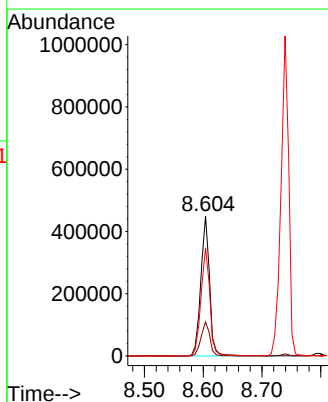
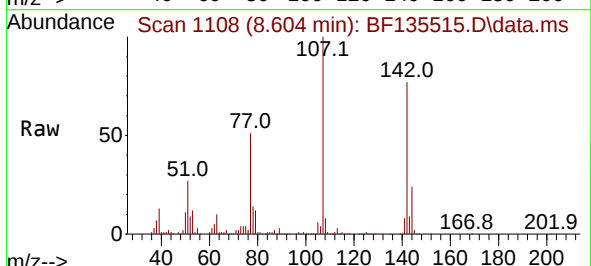
Manual Integrations
APPROVED

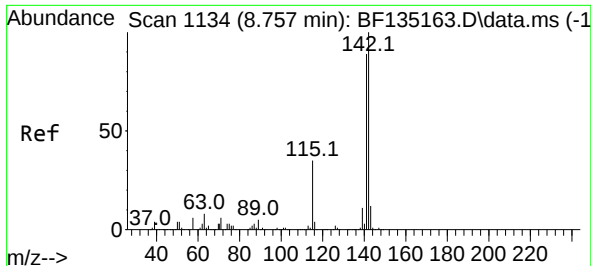
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#36
4-Chloro-3-methylphenol
Concen: 49.933 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:107 Resp: 465298
Ion Ratio Lower Upper
107 100
144 24.4 19.0 28.4
142 77.3 60.2 90.2





#37

2-Methylnaphthalene

Concen: 46.518 ng

RT: 8.739 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

Tgt Ion:142 Resp: 93665

Ion Ratio Lower Upper

142 100

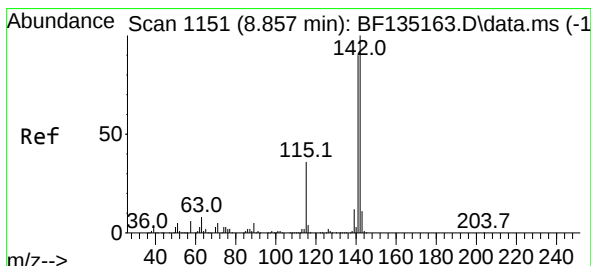
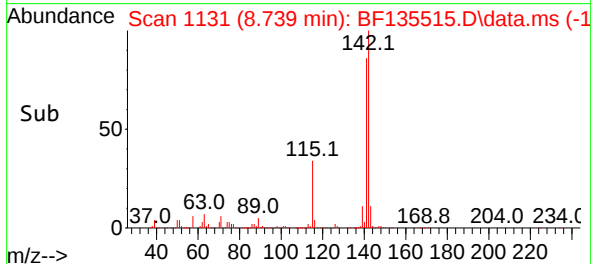
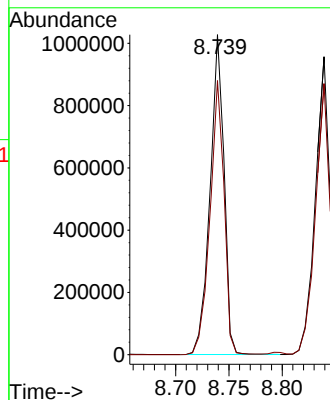
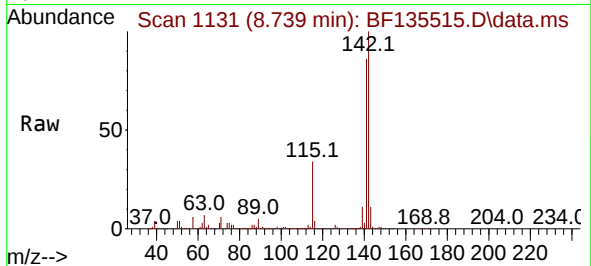
141 85.7 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#38

1-Methylnaphthalene

Concen: 47.502 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF135515.D

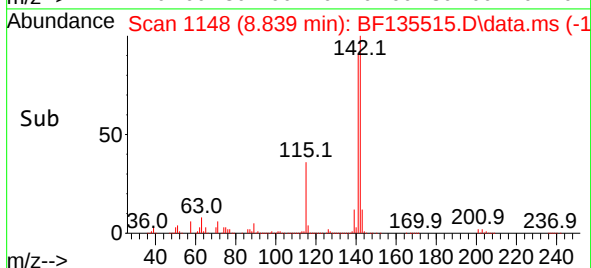
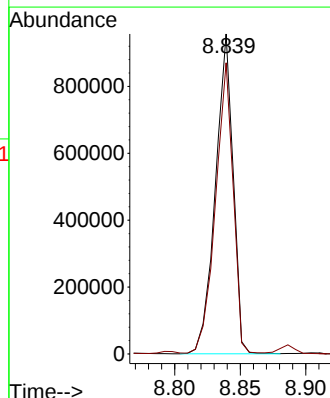
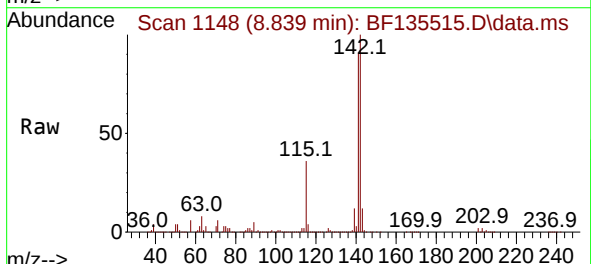
Acq: 29 Sep 2023 14:41

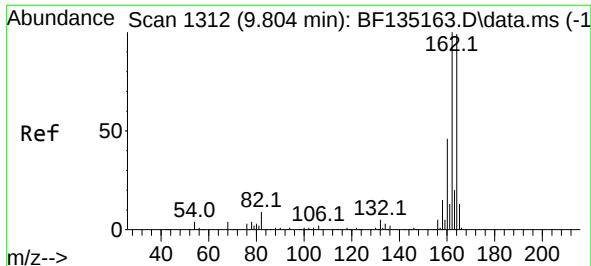
Tgt Ion:142 Resp: 895477

Ion Ratio Lower Upper

142 100

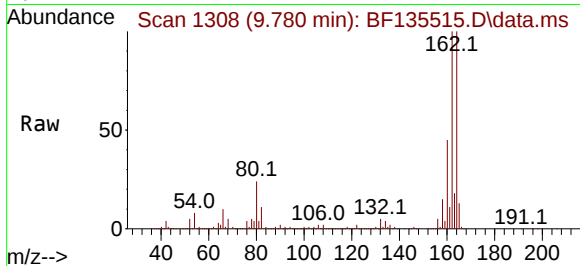
141 91.0 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

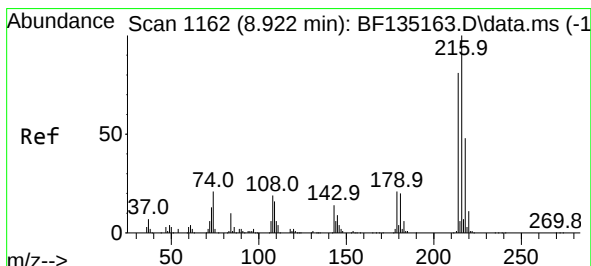
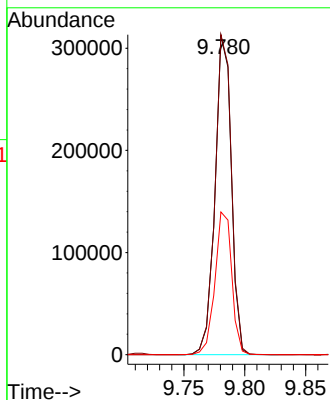
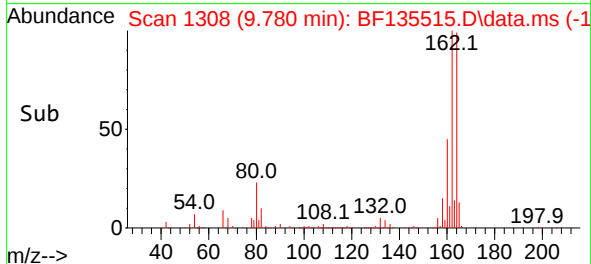
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



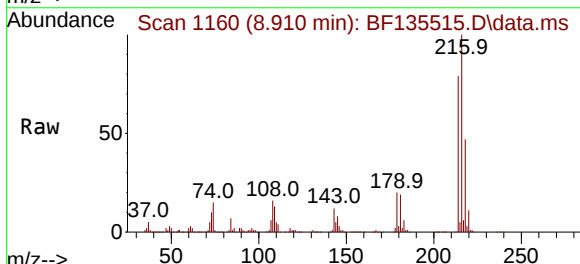
Tgt Ion:164 Resp: 29234
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 44.7 37.0 55.4

Manual Integrations
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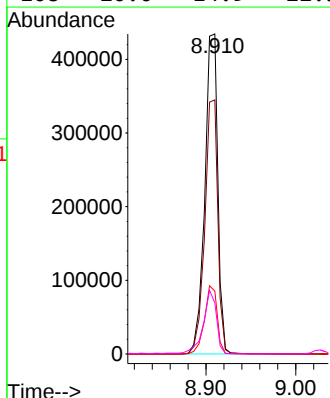
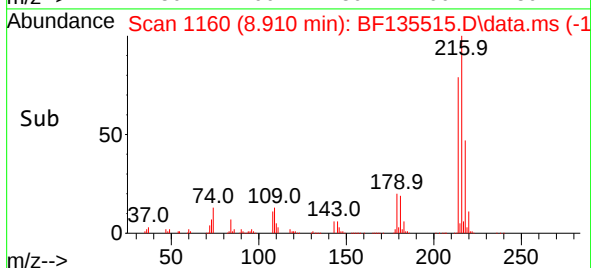
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.694 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41



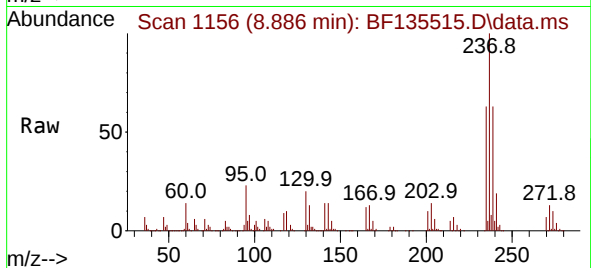
Tgt Ion:216 Resp: 437814
Ion Ratio Lower Upper
216 100
214 79.5 63.7 95.5
179 20.8 16.7 25.1
108 20.0 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 46.584 ng
RT: 8.886 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

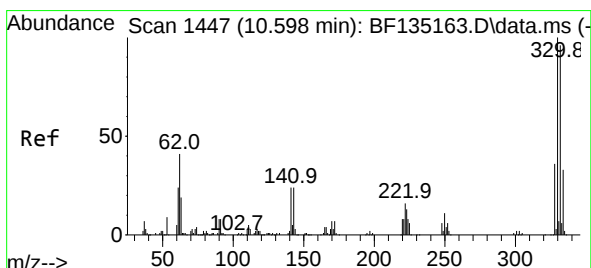
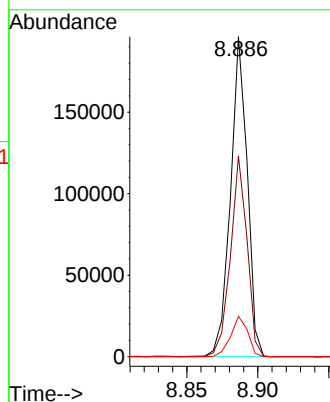
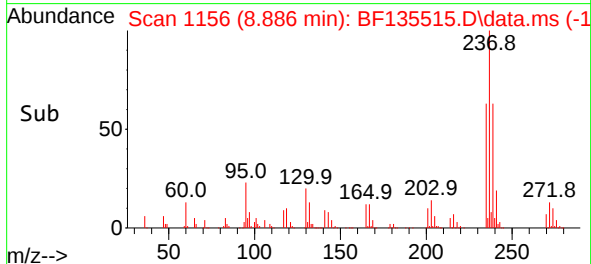
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



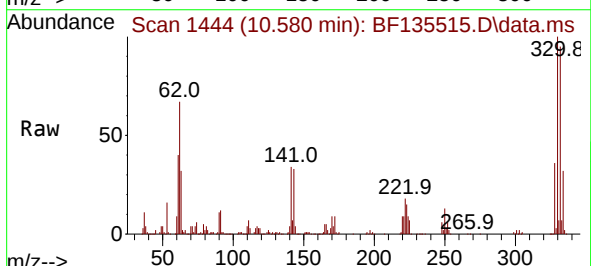
Tgt Ion: 237 Resp: 161164
Ion Ratio Lower Upper
237 100
235 62.8 41.8 81.8
272 12.6 0.0 33.6

Manual Integrations
APPROVED

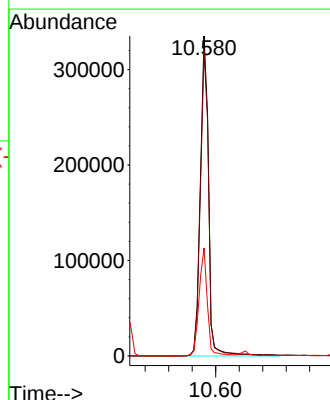
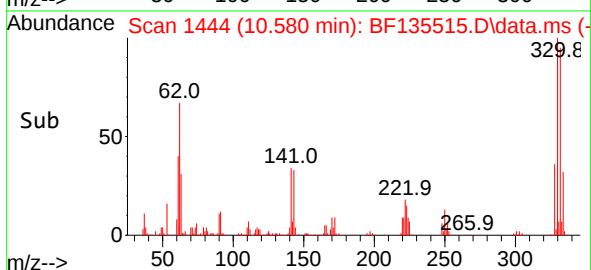
Reviewed By : Yogesh Patel 10/02/2023
Supervised By : mohammad ahmed 10/03/2023

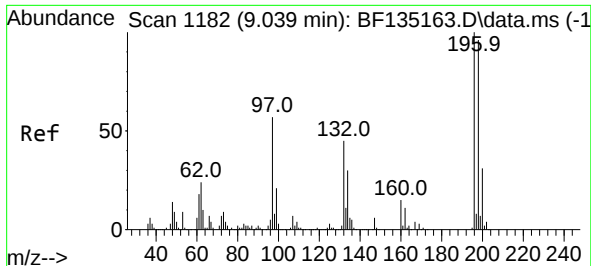


#42
2,4,6-Tribromophenol
Concen: 112.489 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41



Tgt Ion: 330 Resp: 326799
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 33.8 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 51.416 ng

RT: 9.027 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

Tgt Ion:196 Resp: 28511

Ion Ratio Lower Upper

196 100

198 93.3 77.0 115.6

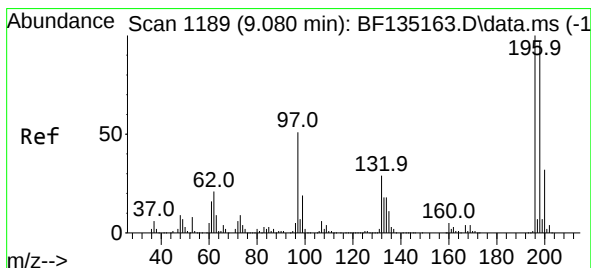
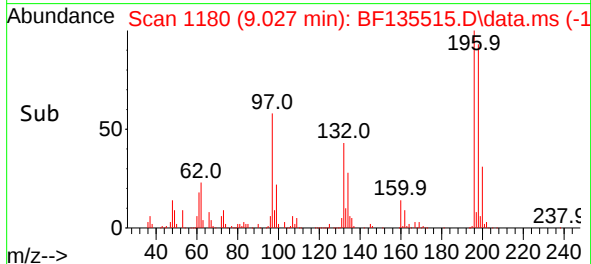
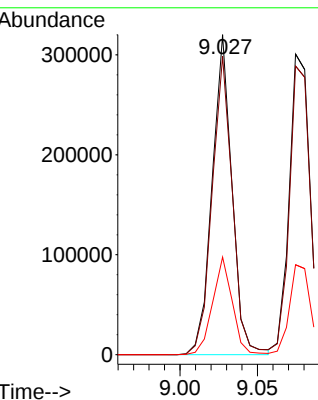
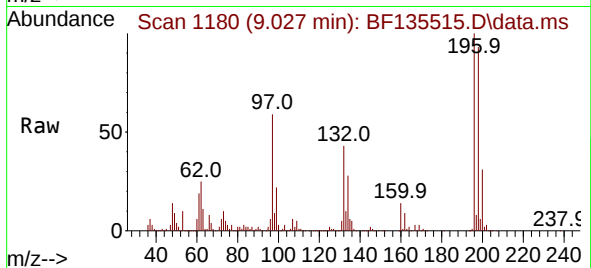
200 30.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#44

2,4,5-Trichlorophenol

Concen: 46.541 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Tgt Ion:196 Resp: 297211

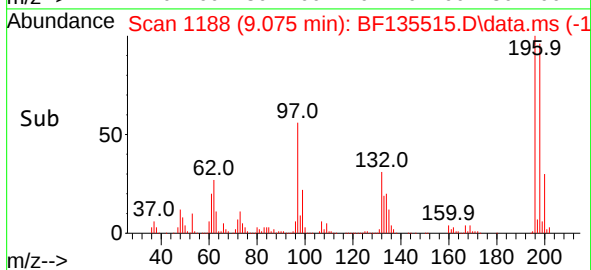
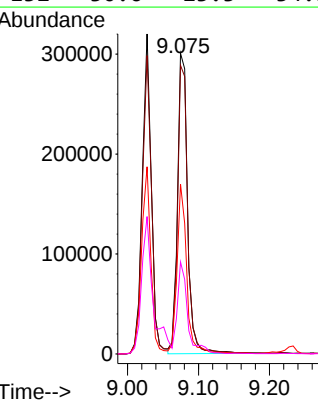
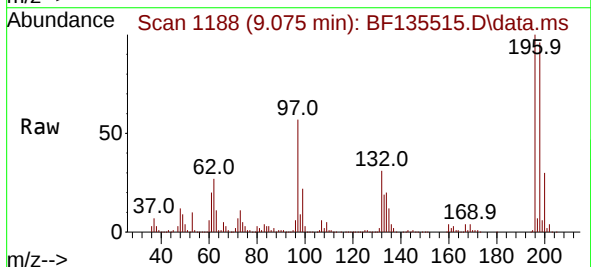
Ion Ratio Lower Upper

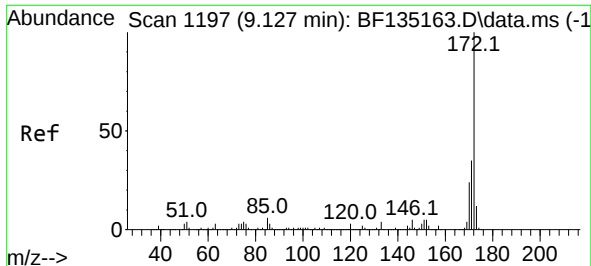
196 100

198 96.0 77.5 116.3

97 56.5 40.5 60.7

132 30.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 89.800 ng

RT: 9.104 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF135515.D

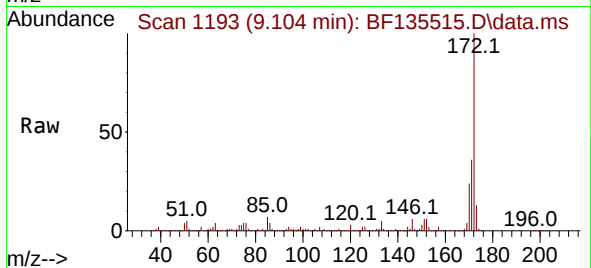
Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD



Tgt Ion:172 Resp: 174004

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

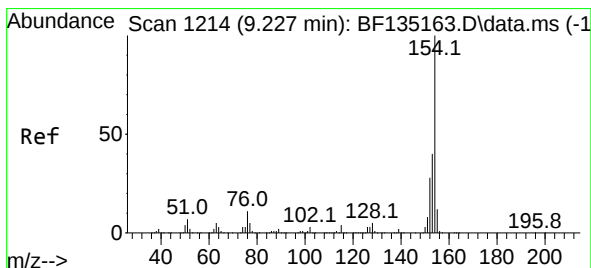
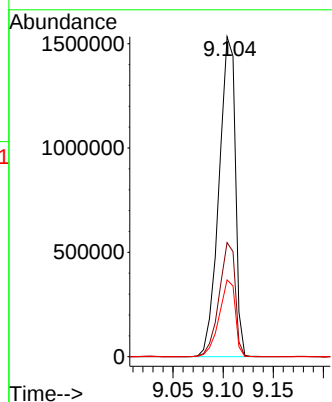
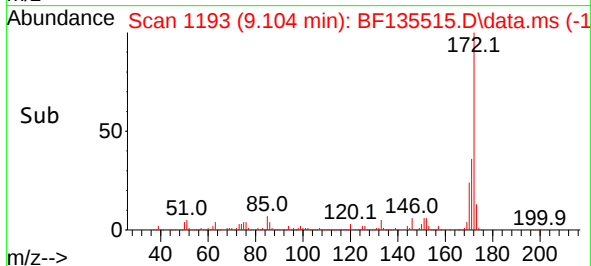
170 24.0 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#46

1,1'-Biphenyl

Concen: 51.897 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

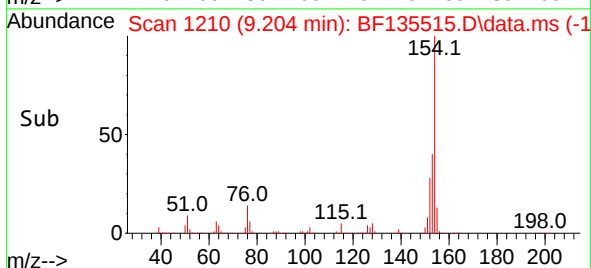
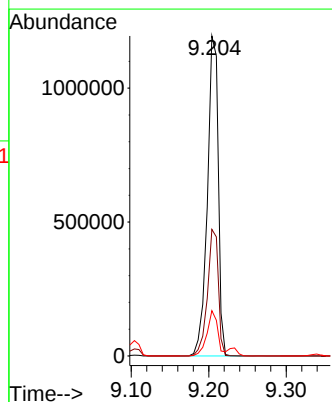
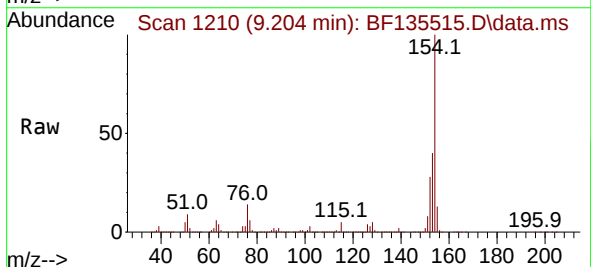
Tgt Ion:154 Resp: 1165923

Ion Ratio Lower Upper

154 100

153 39.6 19.6 59.6

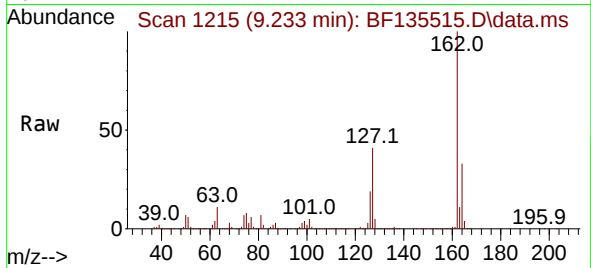
76 14.2 0.0 31.0





#47
2-Chloronaphthalene
Concen: 52.941 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

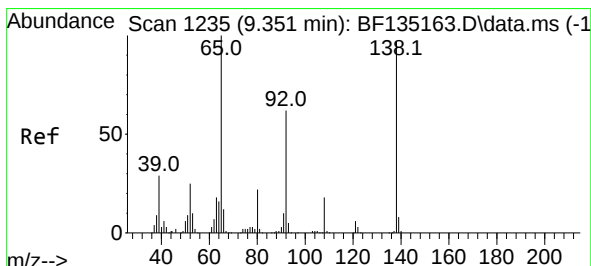
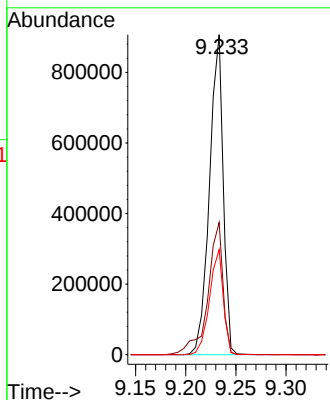
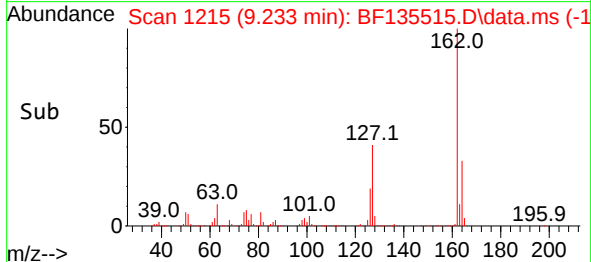
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



Tgt Ion:162 Resp: 862954
Ion Ratio Lower Upper
162 100
127 41.3 32.6 48.8
164 32.9 26.2 39.2

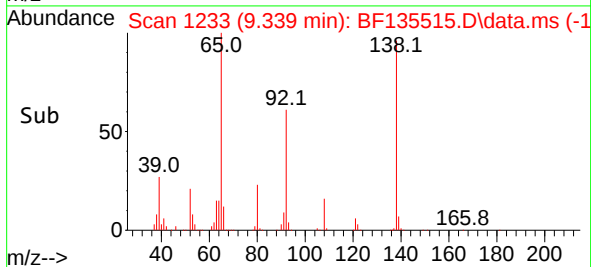
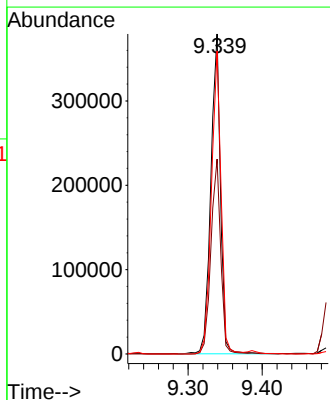
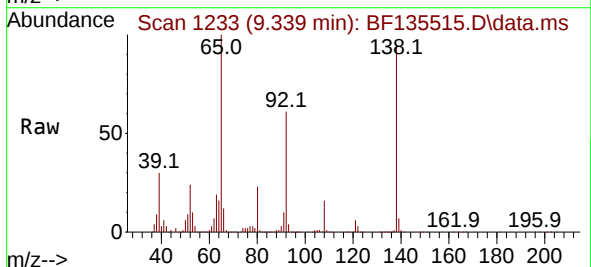
Manual Integrations
APPROVED

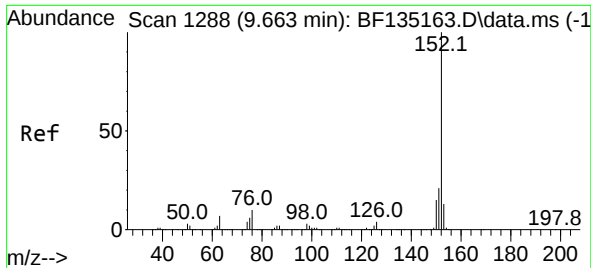
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#48
2-Nitroaniline
Concen: 54.059 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

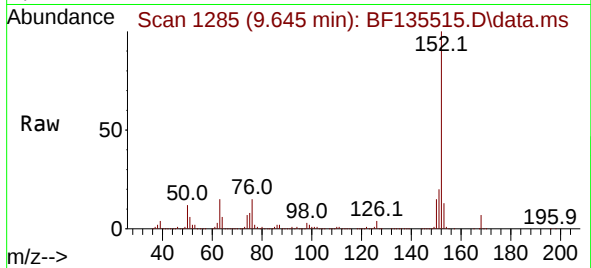
Tgt Ion: 65 Resp: 342337
Ion Ratio Lower Upper
65 100
92 60.9 49.4 74.0
138 94.7 77.4 116.0





#49
Acenaphthylene
Concen: 50.538 ng
RT: 9.645 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

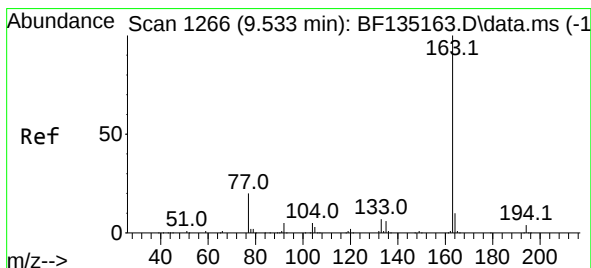
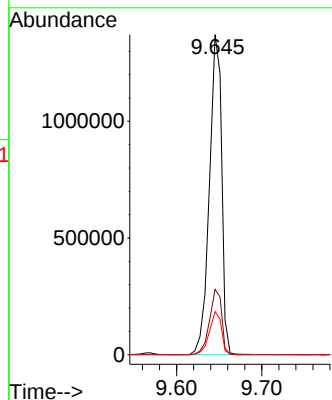
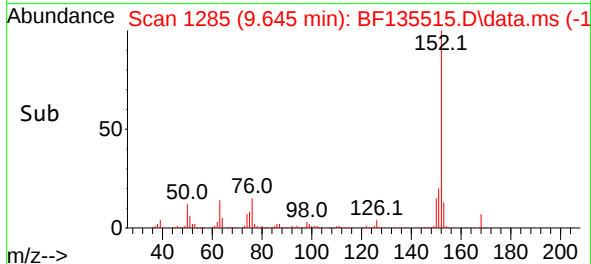
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



Tgt Ion:152 Resp: 136906
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.4 10.4 15.6

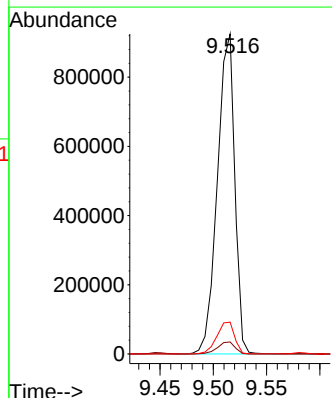
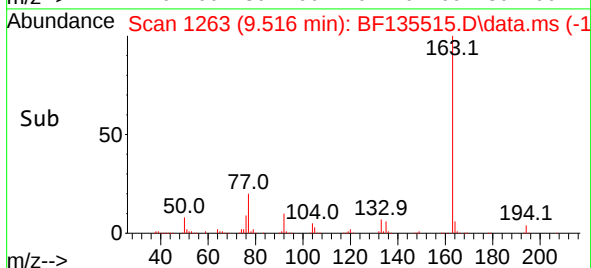
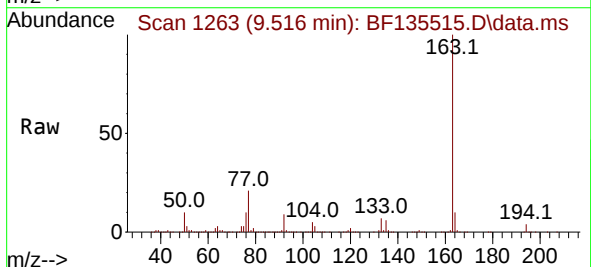
Manual Integrations
APPROVED

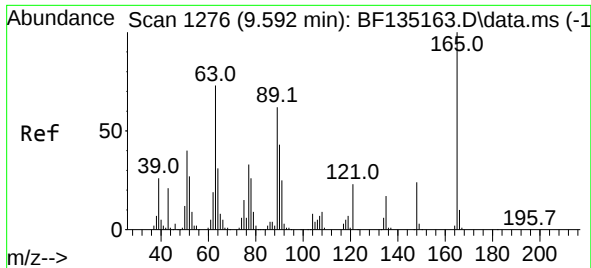
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#50
Dimethylphthalate
Concen: 52.962 ng
RT: 9.516 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

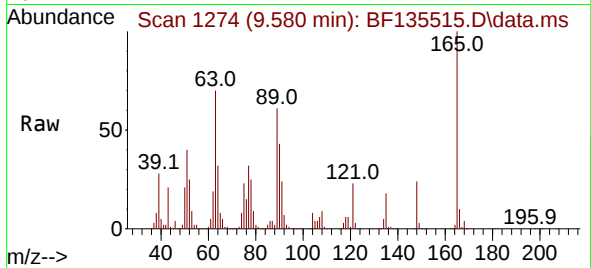
Tgt Ion:163 Resp: 1046803
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 9.9 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 50.877 ng
RT: 9.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

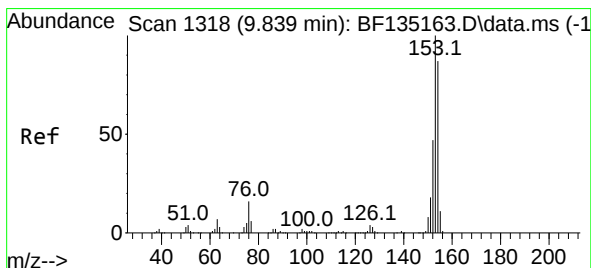
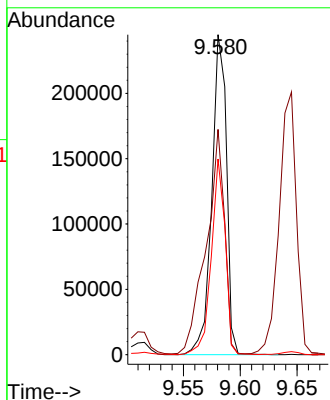
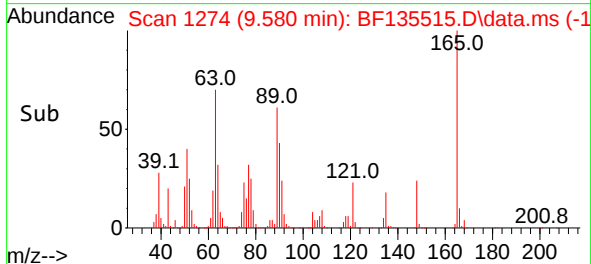
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



Tgt Ion:165 Resp: 220294
Ion Ratio Lower Upper
165 100
63 70.4 59.4 89.2
89 61.1 49.8 74.8

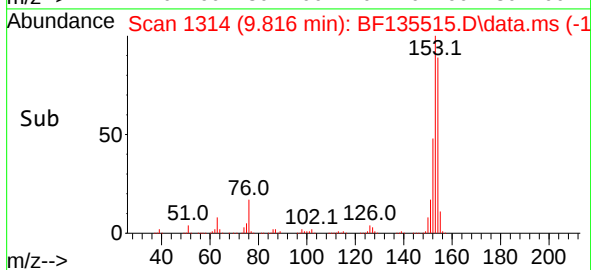
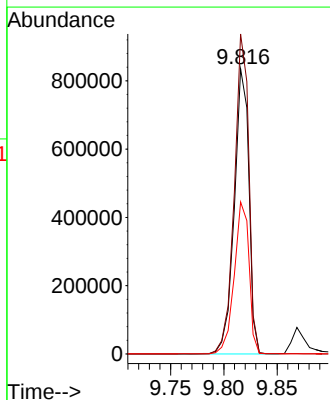
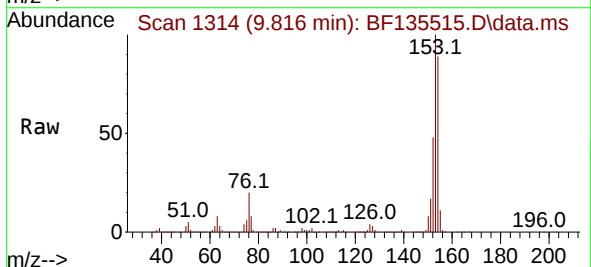
Manual Integrations
APPROVED

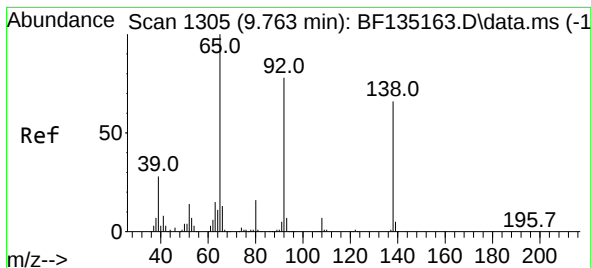
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#52
Acenaphthene
Concen: 49.964 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:154 Resp: 799593
Ion Ratio Lower Upper
154 100
153 112.2 92.1 138.1
152 53.3 43.1 64.7





#53

3-Nitroaniline

Concen: 31.529 ng

RT: 9.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

Tgt Ion:138 Resp: 160250

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

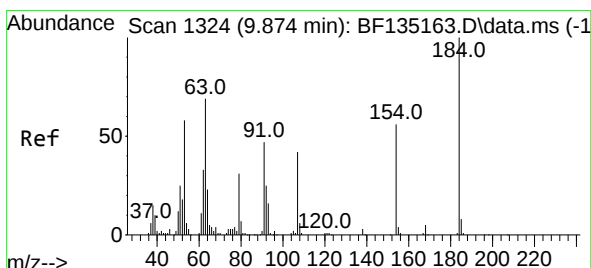
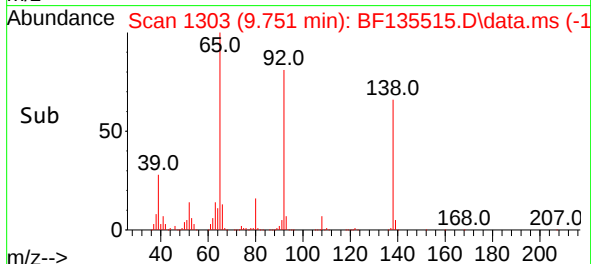
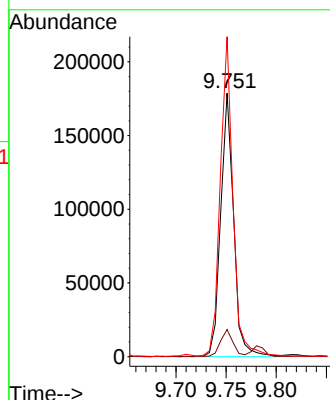
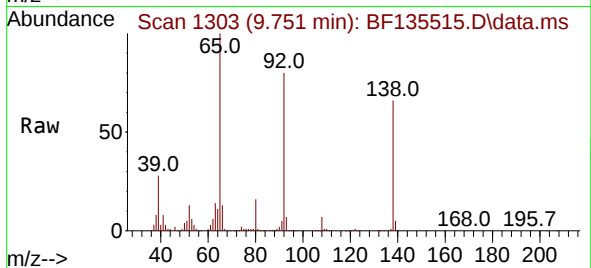
92 121.4 95.4 143.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#54

2,4-Dinitrophenol

Concen: 57.955 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

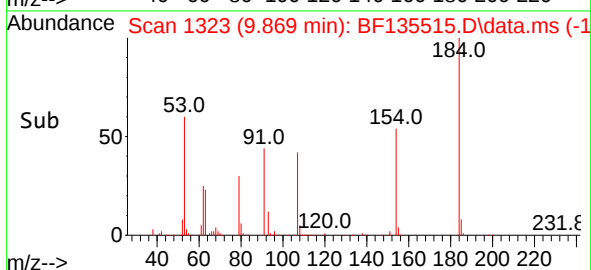
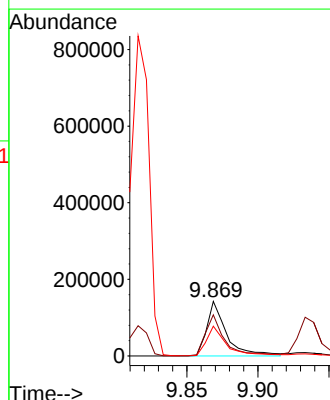
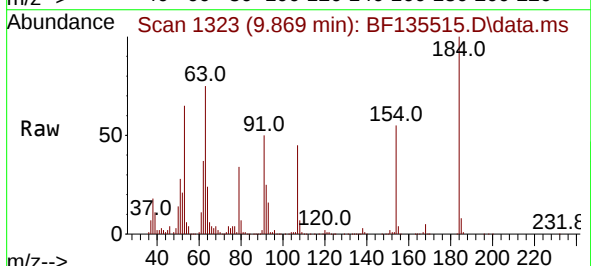
Tgt Ion:184 Resp: 137867

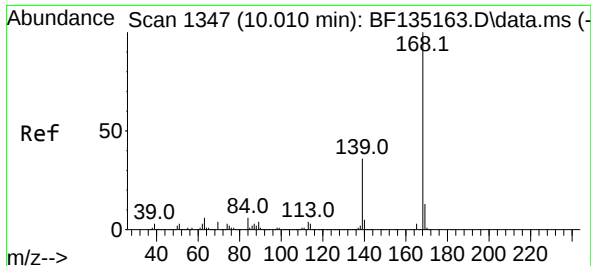
Ion Ratio Lower Upper

184 100

63 75.4 55.1 82.7

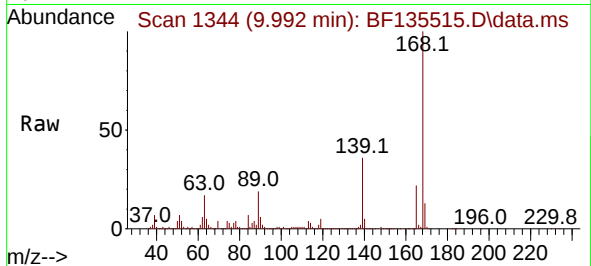
154 54.6 48.4 72.6





#55
Dibenzenofuran
Concen: 45.868 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

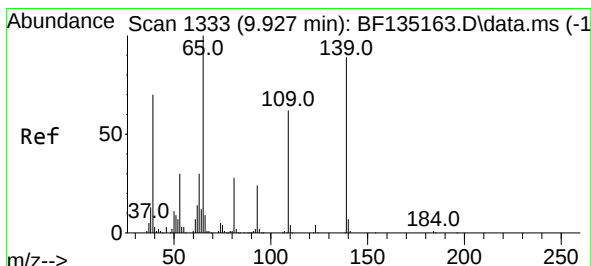
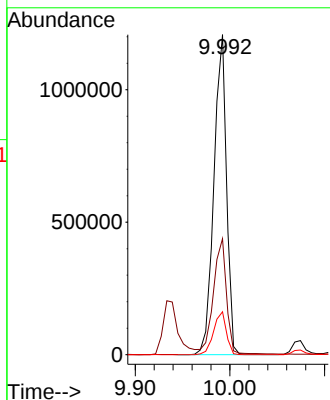
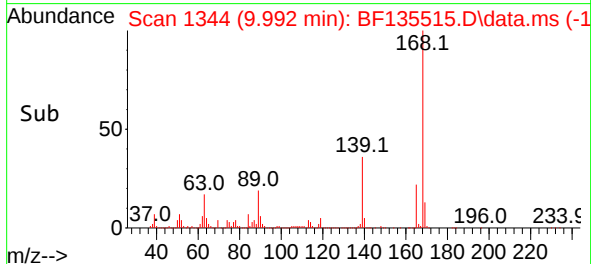
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



Tgt Ion:168 Resp: 112013
Ion Ratio Lower Upper
168 100
139 36.3 29.0 43.6
169 13.4 10.4 15.6

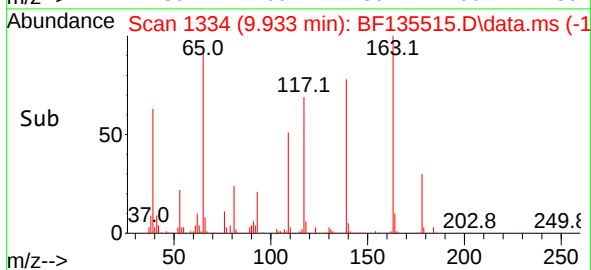
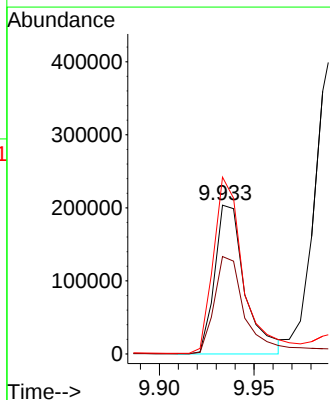
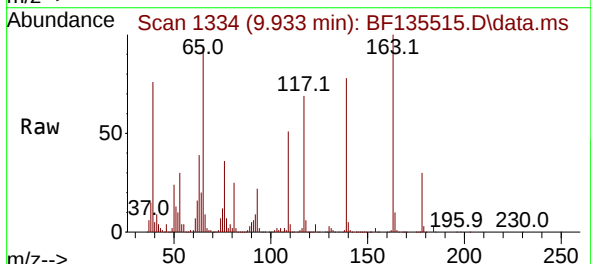
Manual Integrations
APPROVED

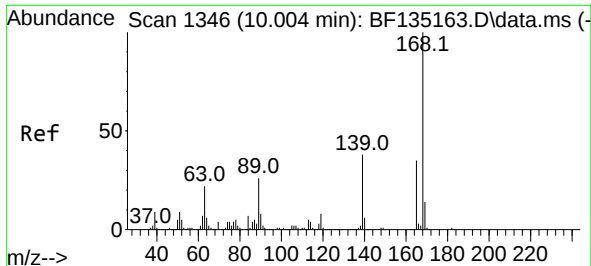
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#56
4-Nitrophenol
Concen: 70.056 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

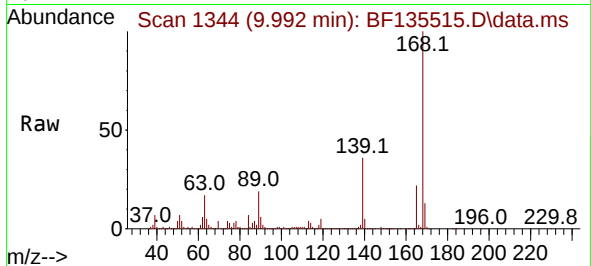
Tgt Ion:139 Resp: 226300
Ion Ratio Lower Upper
139 100
109 65.5 49.8 89.8
65 118.9 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 42.994 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

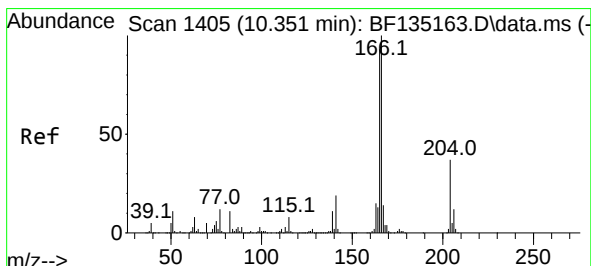
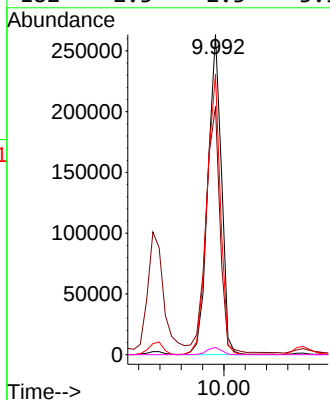
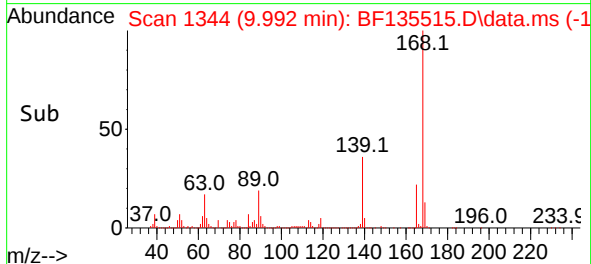
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



Tgt Ion:165 Resp: 233059
Ion Ratio Lower Upper
165 100
63 77.6 50.1 75.1
89 87.6 59.3 88.9
182 2.3 2.3 3.5#

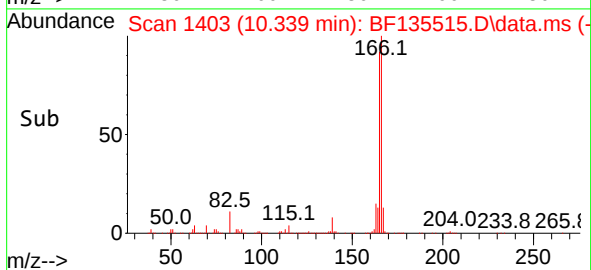
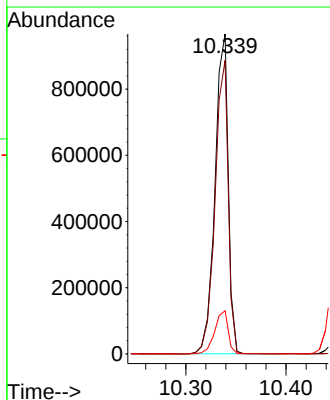
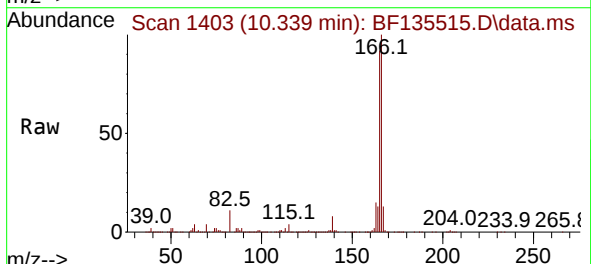
Manual Integrations
APPROVED

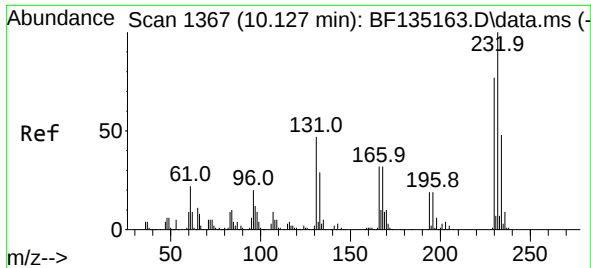
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#58
Fluorene
Concen: 47.198 ng
RT: 10.339 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

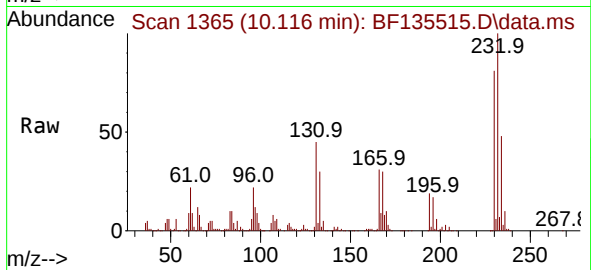
Tgt Ion:166 Resp: 886091
Ion Ratio Lower Upper
166 100
165 91.8 74.3 111.5
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.807 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

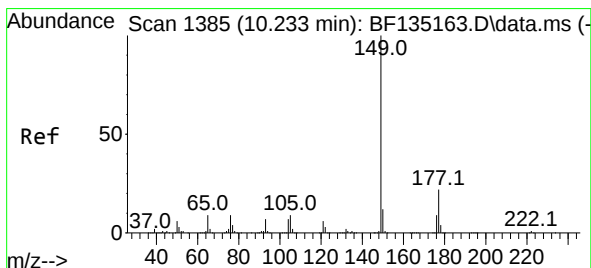
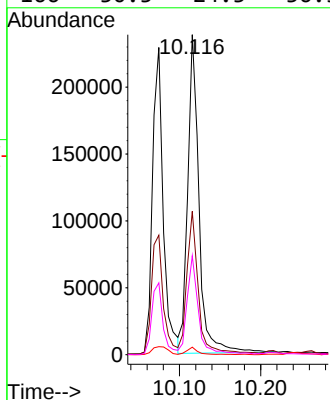
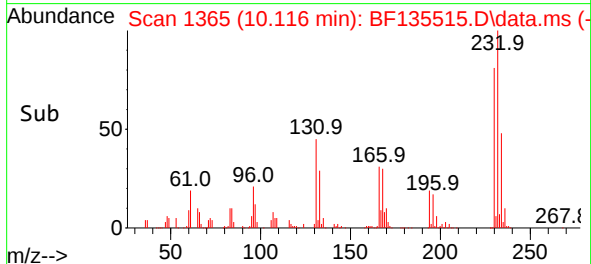
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



Tgt Ion:232 Resp: 229931
Ion Ratio Lower Upper
232 100
131 44.0 35.4 53.2
130 2.1 1.8 2.8
166 30.3 24.3 36.5

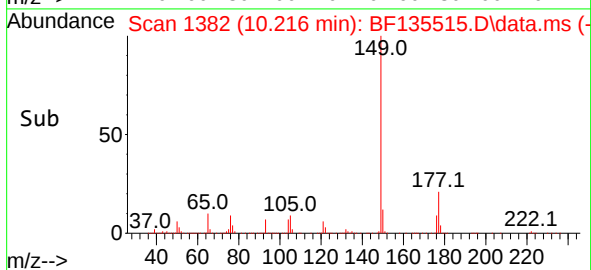
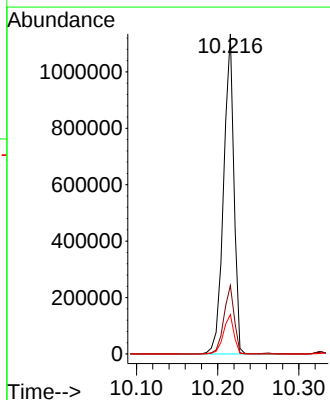
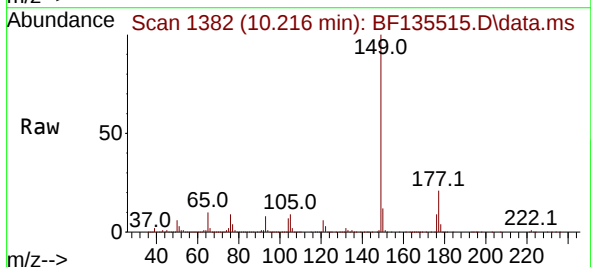
Manual Integrations
APPROVED

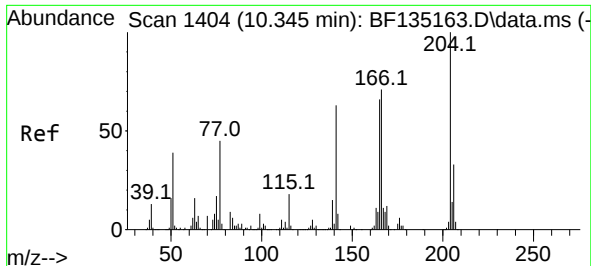
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#60
Diethylphthalate
Concen: 50.809 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

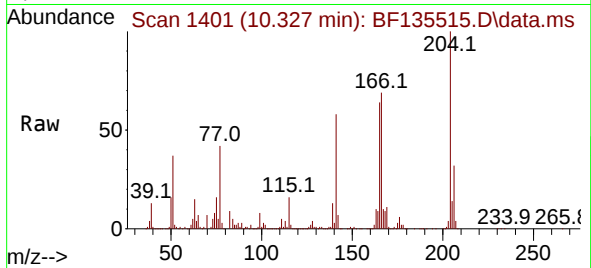
Tgt Ion:149 Resp: 1007850
Ion Ratio Lower Upper
149 100
177 21.4 17.8 26.6
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 46.154 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

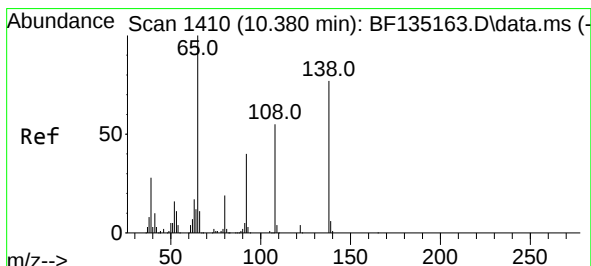
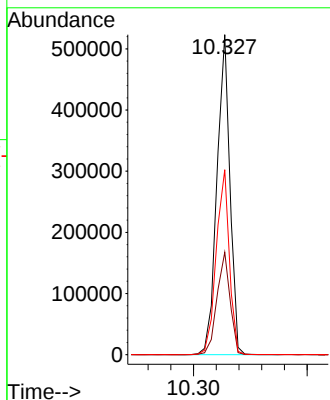
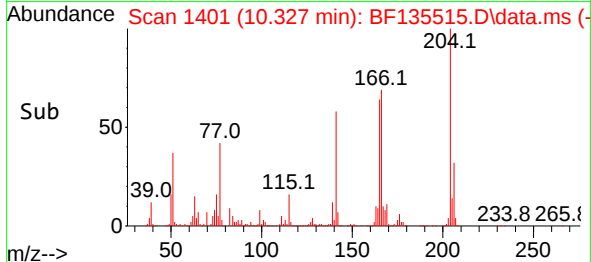
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



Tgt Ion:204 Resp: 416234
Ion Ratio Lower Upper
204 100
206 32.0 26.7 40.1
141 57.8 50.6 75.8

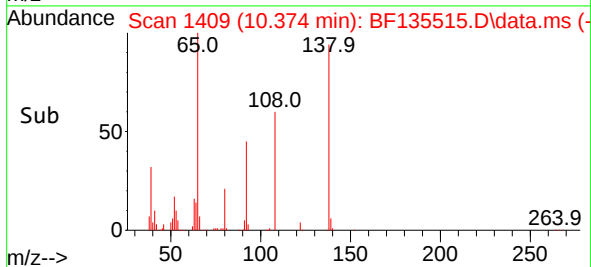
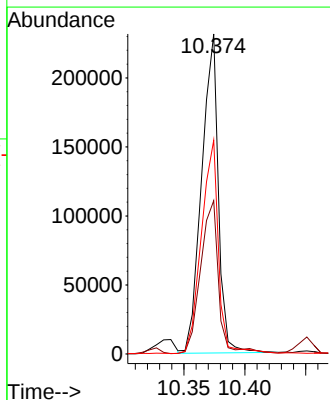
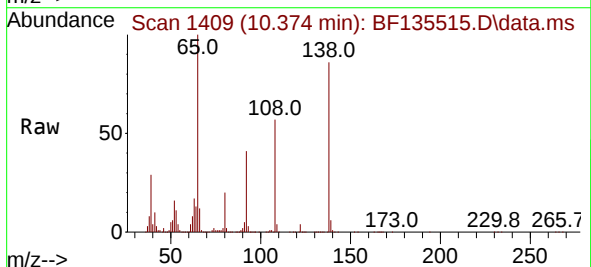
Manual Integrations
APPROVED

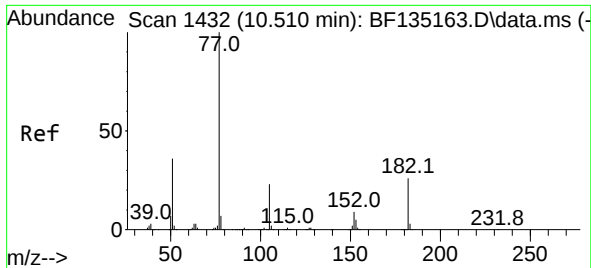
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#62
4-Nitroaniline
Concen: 44.996 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:138 Resp: 219833
Ion Ratio Lower Upper
138 100
92 47.9 31.8 71.8
108 66.8 52.0 92.0





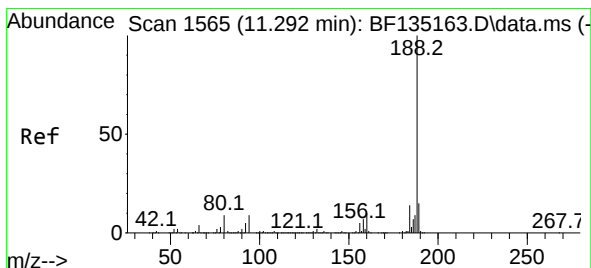
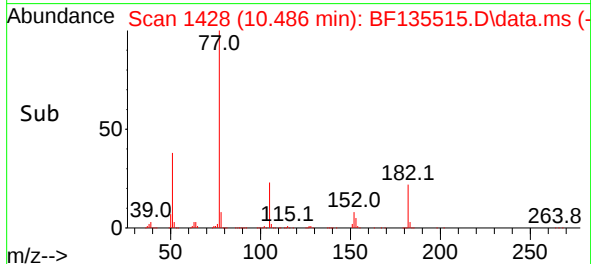
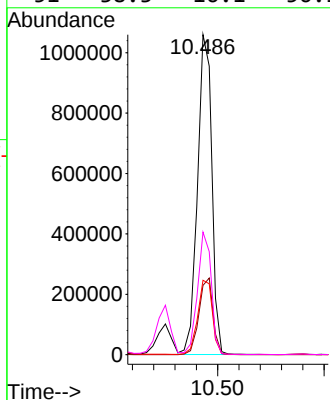
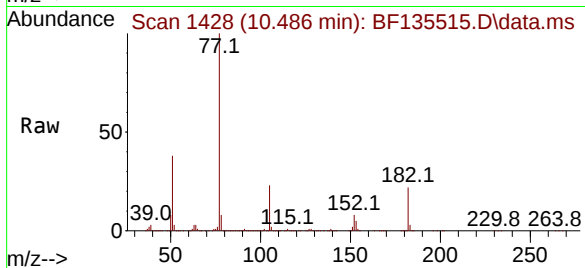
#63
Azobenzene
Concen: 51.113 ng
RT: 10.486 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

Tgt Ion: 77 Resp: 99229
Ion Ratio Lower Upper
77 100
182 21.7 6.4 46.4
105 23.3 3.1 43.1
51 38.3 16.1 56.1

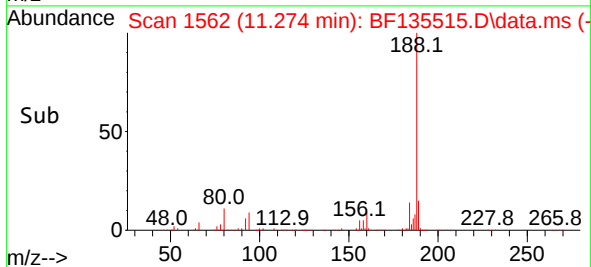
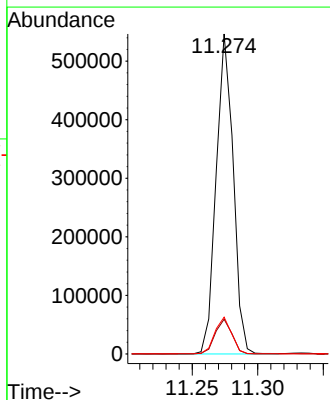
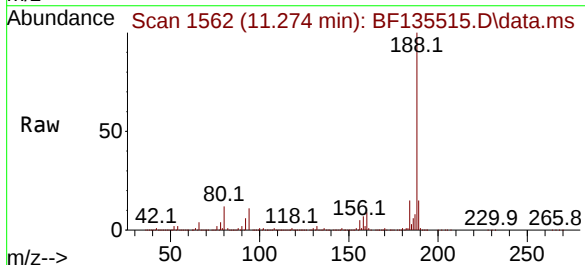
Manual Integrations
APPROVED

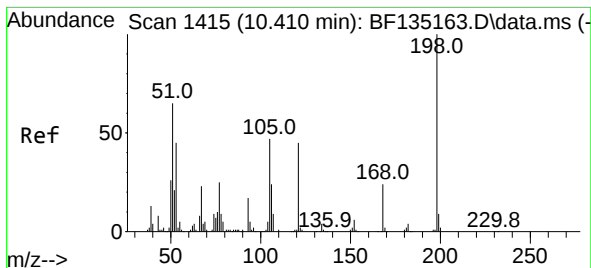
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

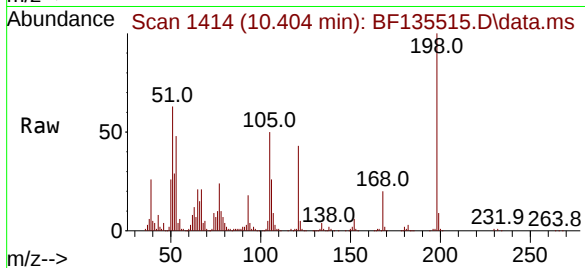
Tgt Ion:188 Resp: 492769
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6#
80 11.5 7.5 11.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 38.249 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

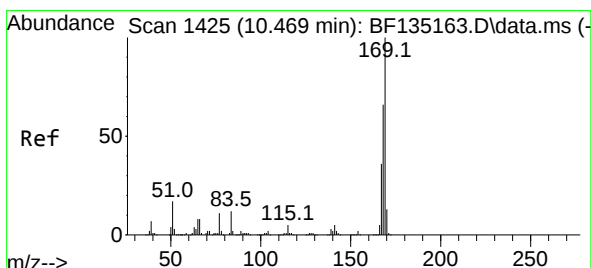
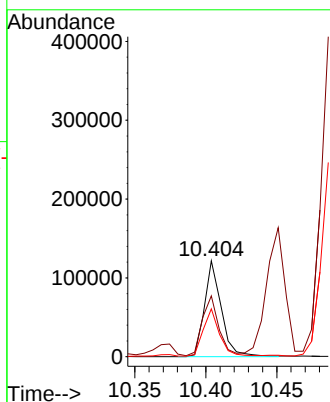
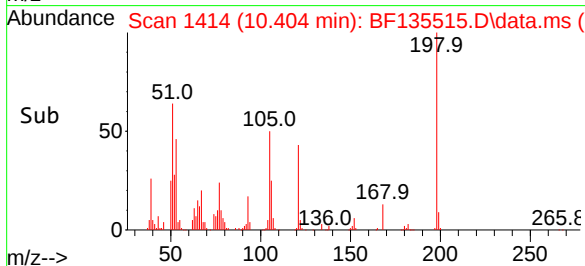
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



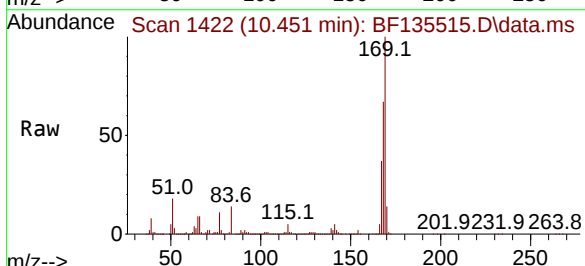
Tgt Ion:198 Resp: 10010
Ion Ratio Lower Upper
198 100
51 63.4 47.7 87.7
105 49.9 27.4 67.4

Manual Integrations
APPROVED

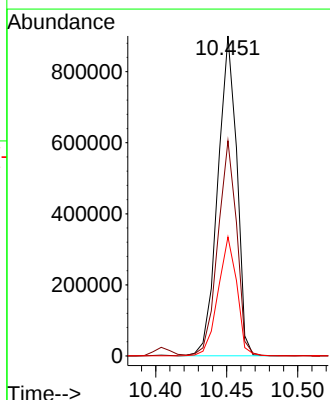
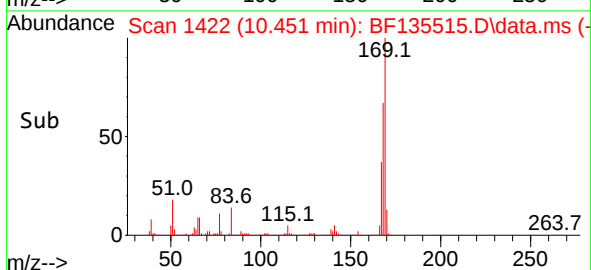
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

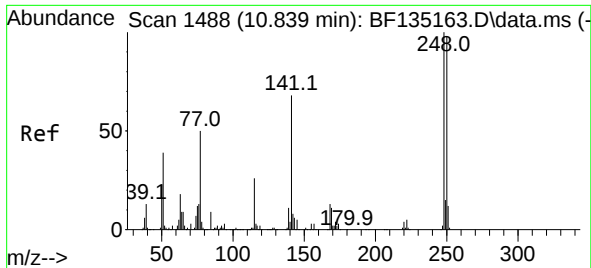


#66
n-Nitrosodiphenylamine
Concen: 55.832 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41



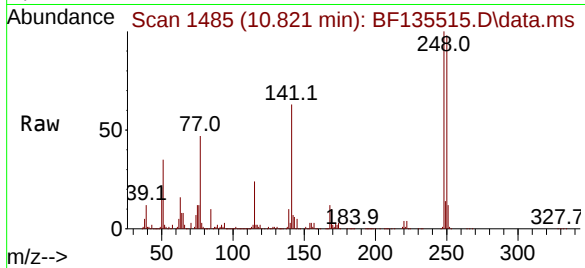
Tgt Ion:169 Resp: 832930
Ion Ratio Lower Upper
169 100
168 67.2 52.8 79.2
167 37.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 52.205 ng
RT: 10.821 min Scan# 1485
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

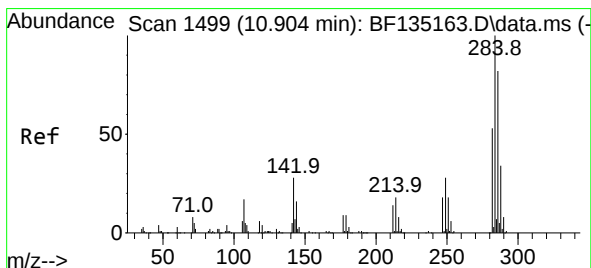
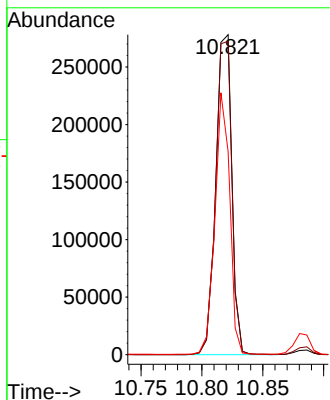
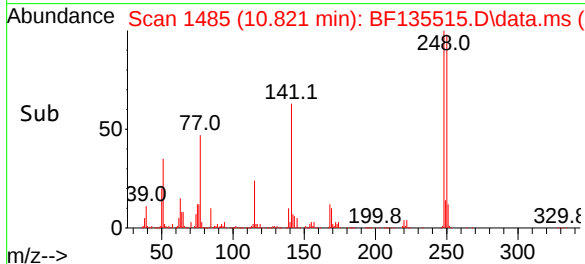
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



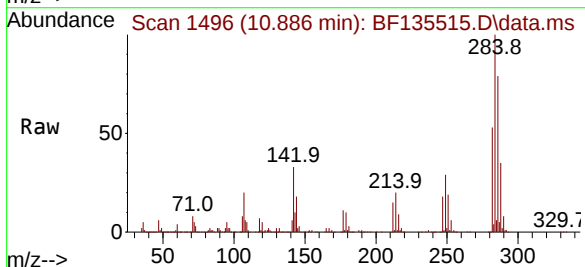
Tgt Ion:248 Resp: 25585
Ion Ratio Lower Upper
248 100
250 98.0 78.6 117.8
141 63.4 54.2 81.2

Manual Integrations
APPROVED

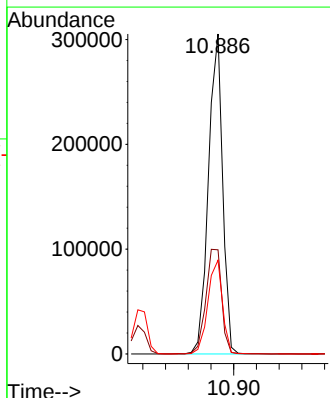
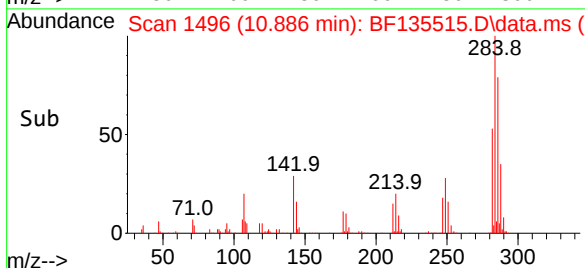
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

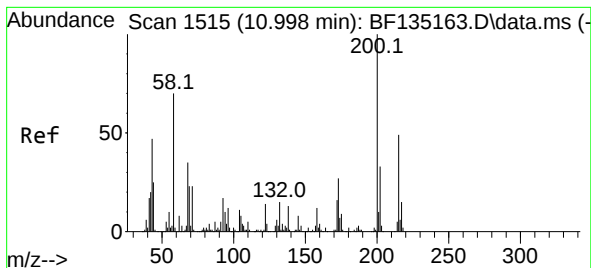


#68
Hexachlorobenzene
Concen: 52.841 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41



Tgt Ion:284 Resp: 263833
Ion Ratio Lower Upper
284 100
142 32.6 22.2 33.4
249 29.3 22.5 33.7





#69

Atrazine

Concen: 60.362 ng

RT: 10.986 min Scan# 1513

Delta R.T. -0.000 min

Lab File: BF135515.D

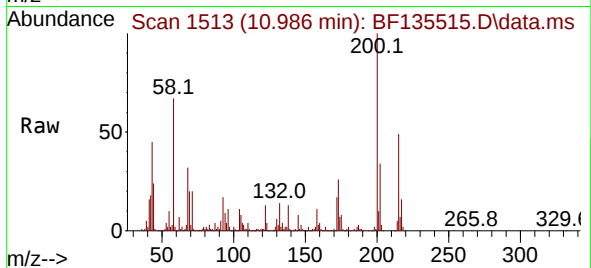
Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD



Tgt Ion:200 Resp: 242300

Ion Ratio Lower Upper

200 100

173 26.2 7.4 47.4

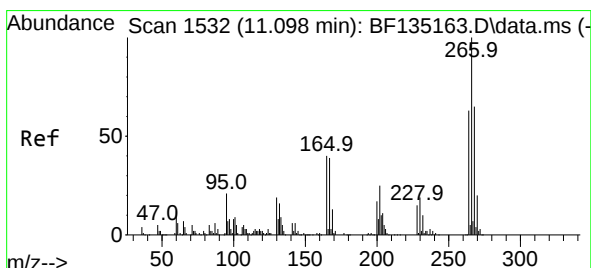
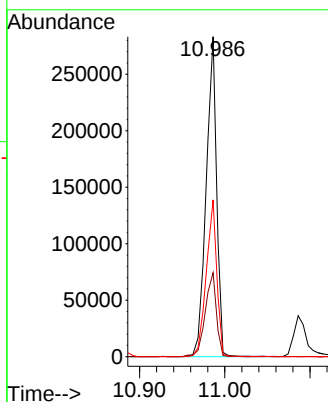
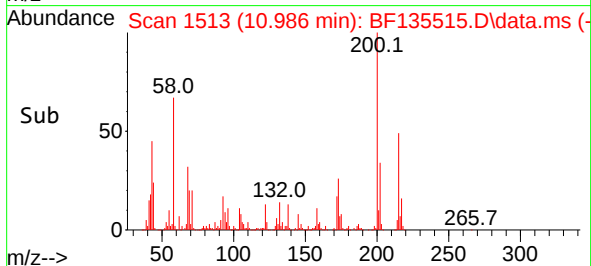
215 49.0 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#70

Pentachlorophenol

Concen: 75.562 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

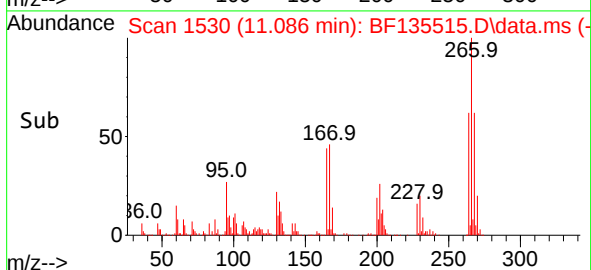
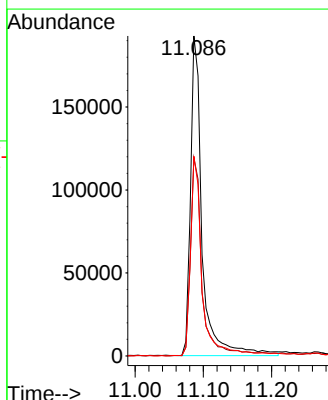
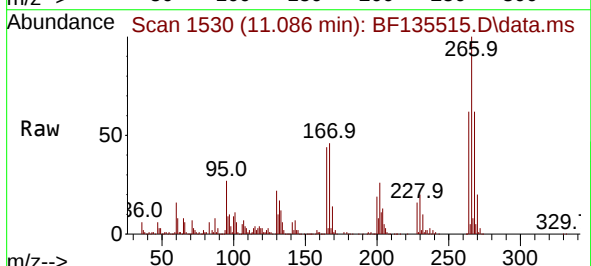
Tgt Ion:266 Resp: 225724

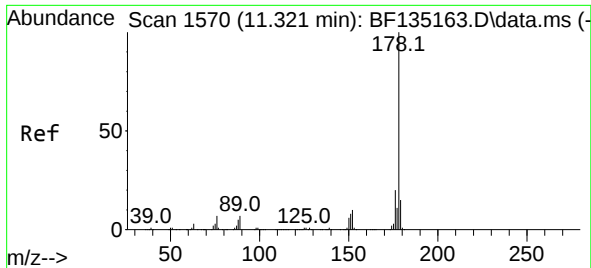
Ion Ratio Lower Upper

266 100

268 62.0 52.1 78.1

264 62.4 50.8 76.2





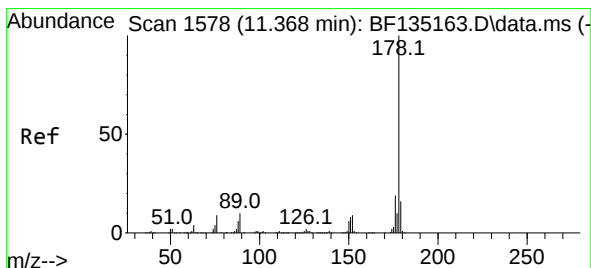
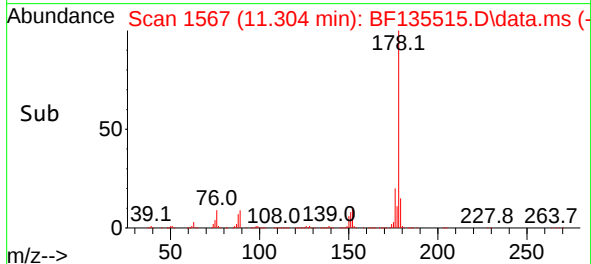
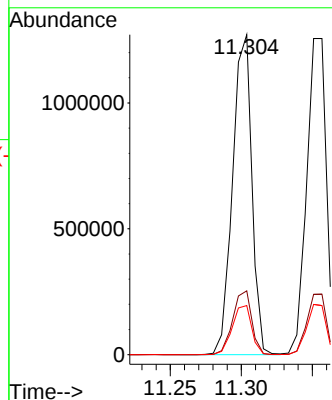
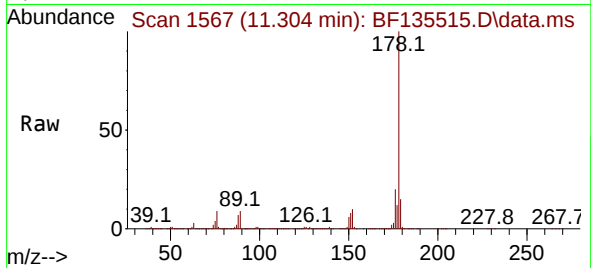
#71
Phenanthrene
Concen: 51.430 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Instrument :
BNA_F
ClientSampleId :
STONE-INMSD

Tgt Ion:178 Resp: 119863
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.4 12.0 18.0

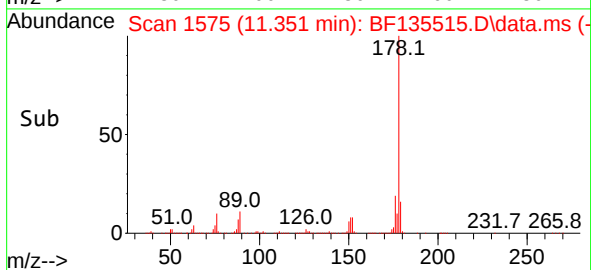
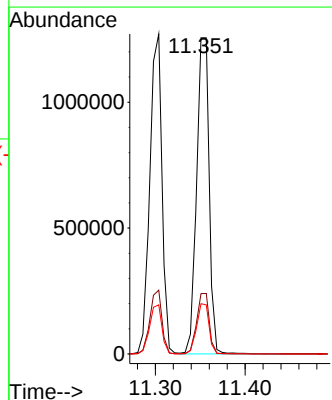
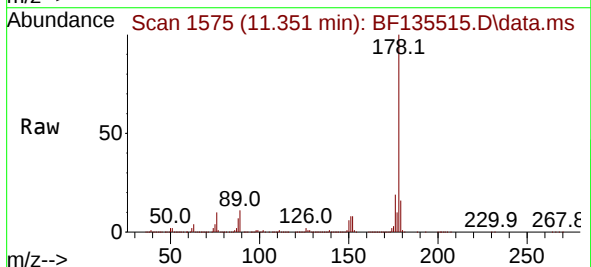
Manual Integrations
APPROVED

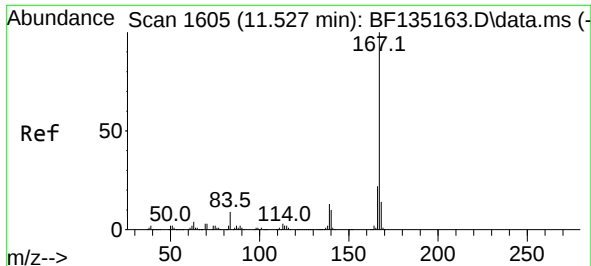
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#72
Anthracene
Concen: 51.007 ng
RT: 11.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

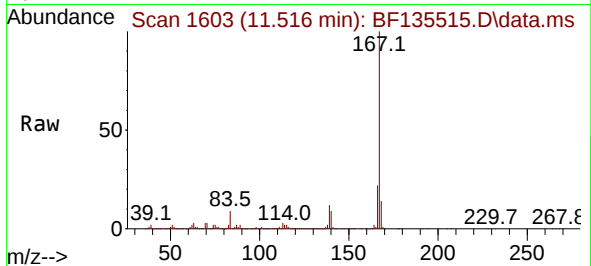
Tgt Ion:178 Resp: 1221918
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.9 12.6 19.0





#73
Carbazole
Concen: 51.727 ng
RT: 11.516 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

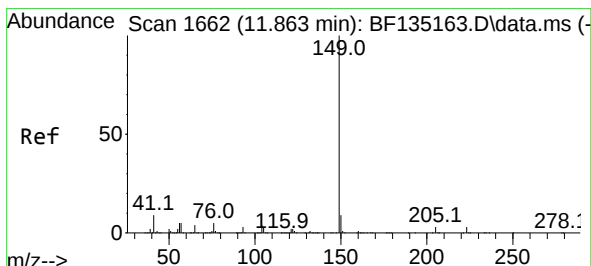
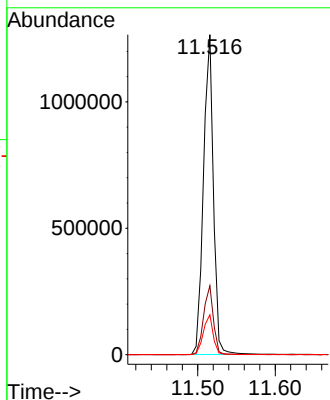
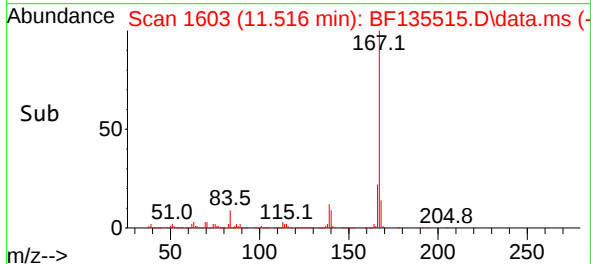
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



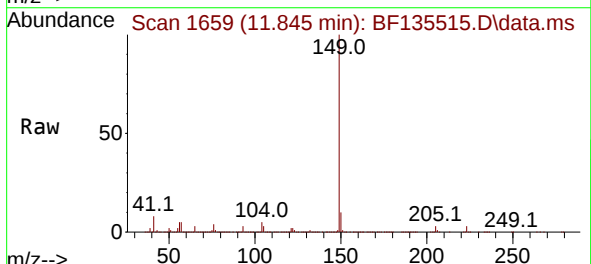
Tgt Ion:167 Resp: 112804
Ion Ratio Lower Upper
167 100
166 21.6 17.4 26.0
139 12.4 10.6 15.8

Manual Integrations
APPROVED

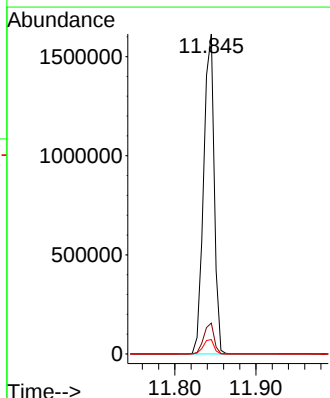
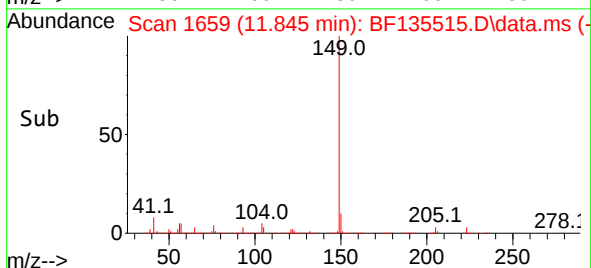
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

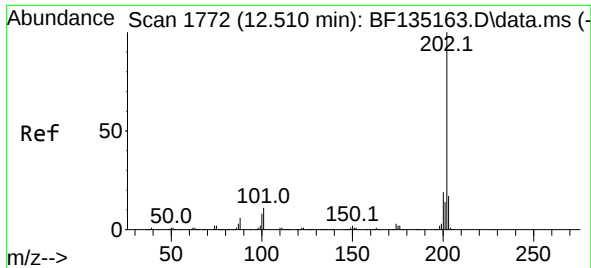


#74
Di-n-butylphthalate
Concen: 56.576 ng
RT: 11.845 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41



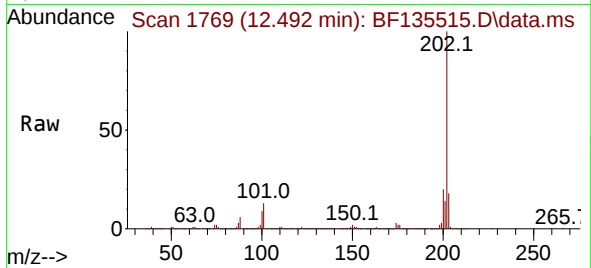
Tgt Ion:149 Resp: 1453839
Ion Ratio Lower Upper
149 100
150 9.6 7.4 11.0
104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 47.968 ng
RT: 12.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

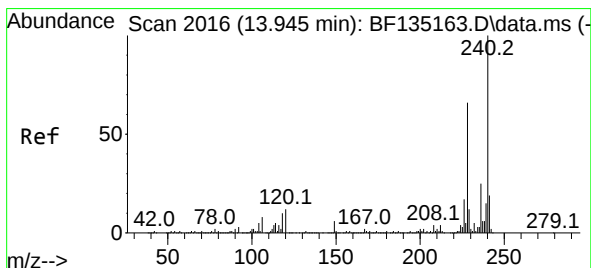
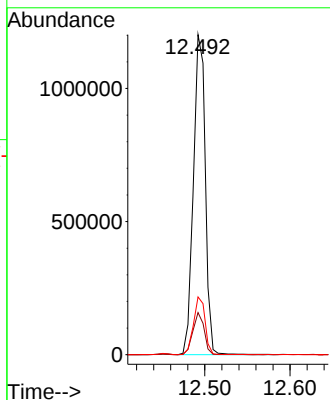
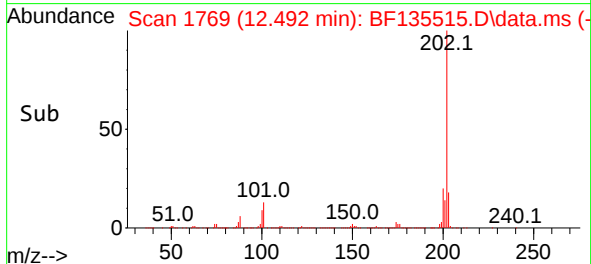
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



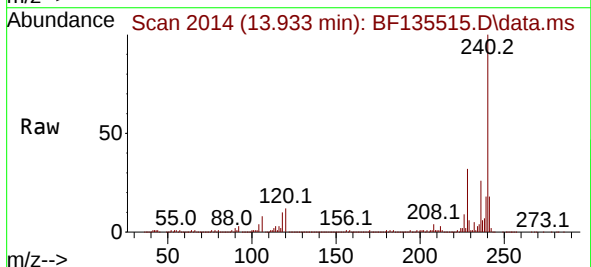
Tgt Ion:202 Resp: 116486
Ion Ratio Lower Upper
202 100
101 13.1 0.0 31.3
203 18.1 0.0 37.4

Manual Integrations
APPROVED

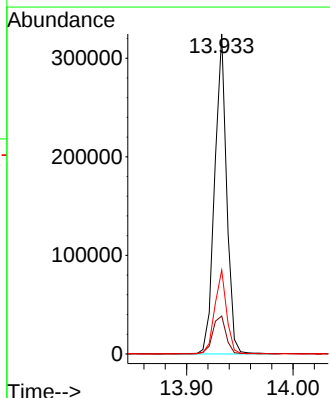
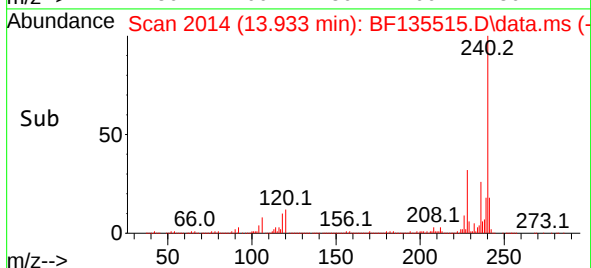
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

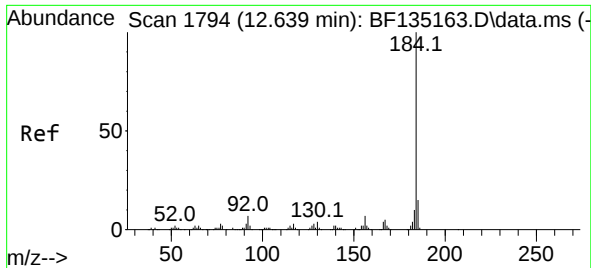


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41



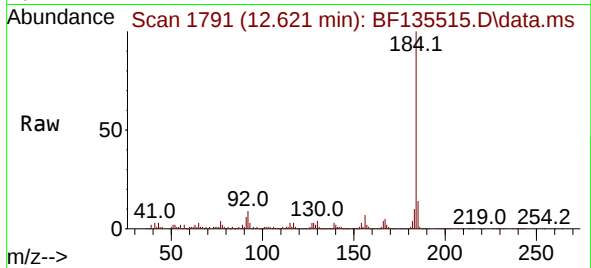
Tgt Ion:240 Resp: 252247
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 26.2 19.8 29.8





#77
Benzidine
Concen: 34.021 ng
RT: 12.621 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

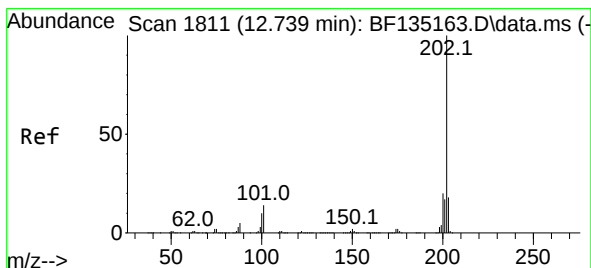
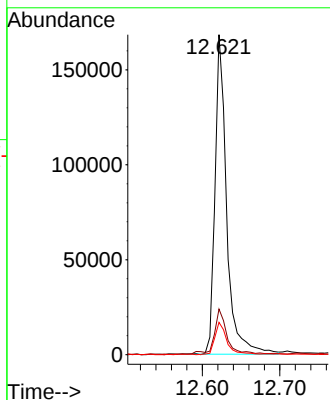
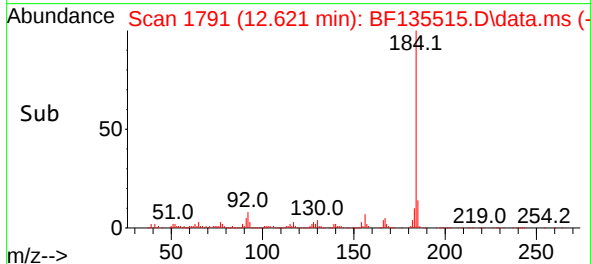
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



Tgt Ion:184 Resp: 17581
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.1 8.2 12.4

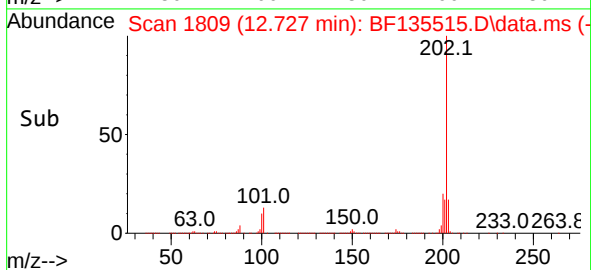
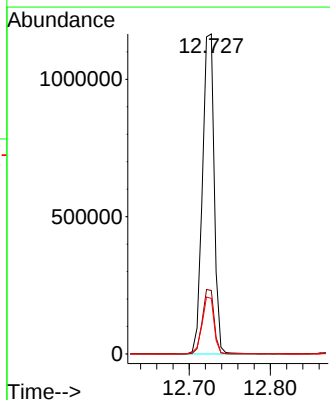
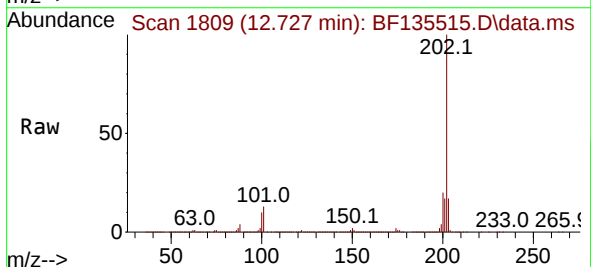
Manual Integrations
APPROVED

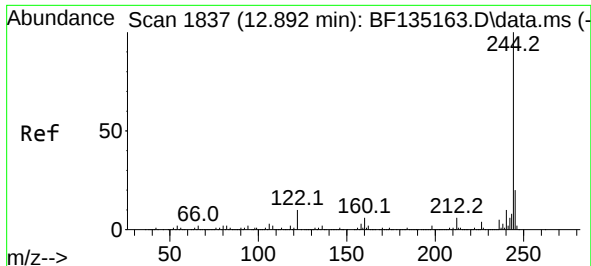
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#78
Pyrene
Concen: 48.578 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:202 Resp: 1166633
Ion Ratio Lower Upper
202 100
200 19.9 16.2 24.2
203 17.4 14.2 21.4





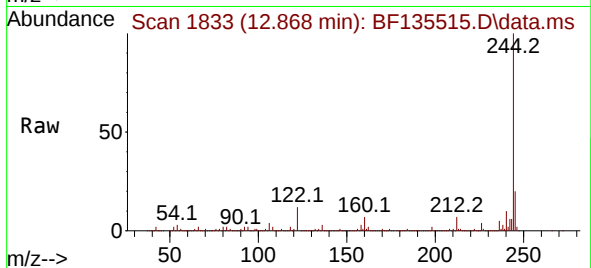
#79
 Terphenyl-d14
 Concen: 86.422 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: BF135515.D
 Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

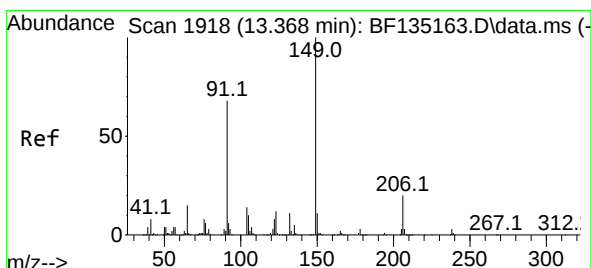
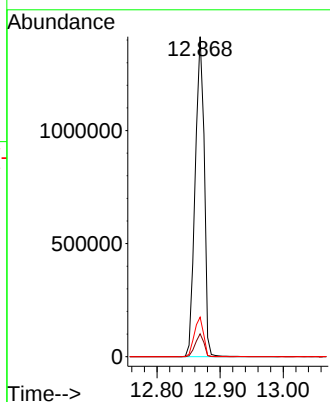
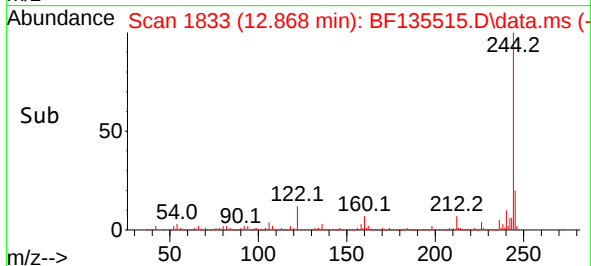


Tgt Ion:244 Resp: 1406250
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.1 7.7
 122 12.3 7.9 11.9

Manual Integrations

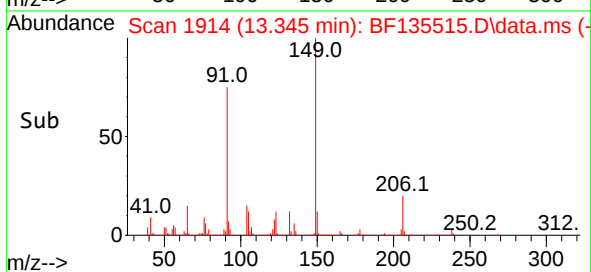
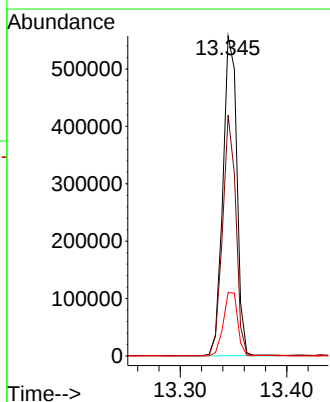
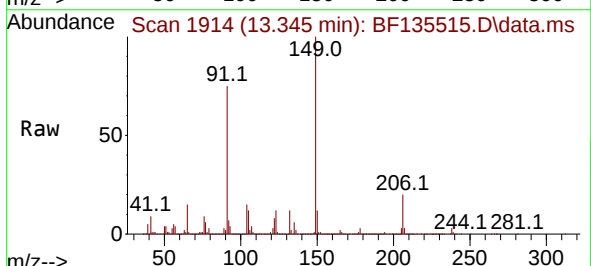
APPROVED

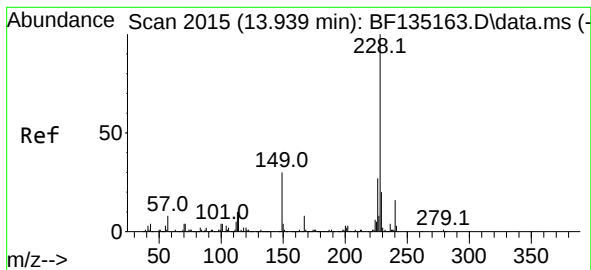
Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :mohammad ahmed 10/03/2023



#80
 Butylbenzylphthalate
 Concen: 59.799 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: BF135515.D
 Acq: 29 Sep 2023 14:41

Tgt Ion:149 Resp: 505634
 Ion Ratio Lower Upper
 149 100
 91 75.3 54.7 82.1
 206 19.8 16.3 24.5





#81

Benzo(a)anthracene

Concen: 53.882 ng

RT: 13.921 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

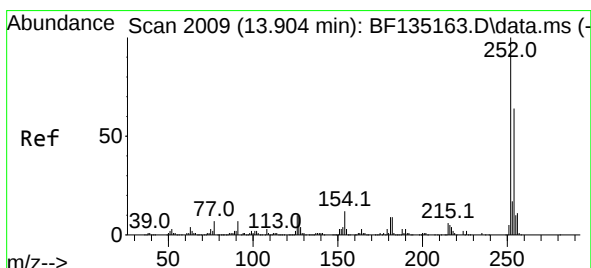
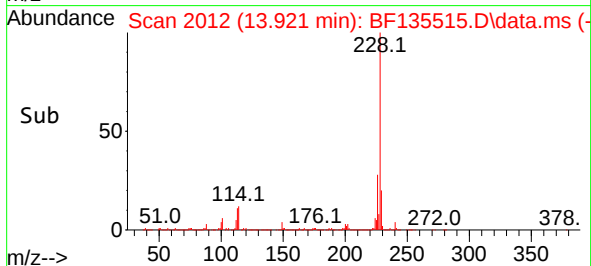
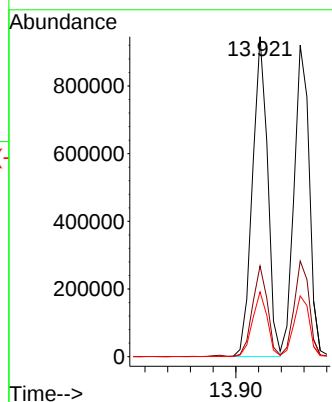
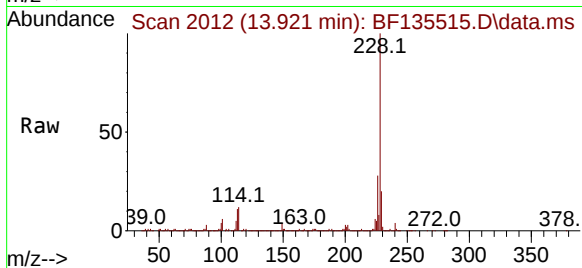
Tgt Ion:228 Resp: 877644

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.7	32.5
229	20.3	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#82

3,3'-Dichlorobenzidine

Concen: 36.353 ng

RT: 13.886 min Scan# 2006

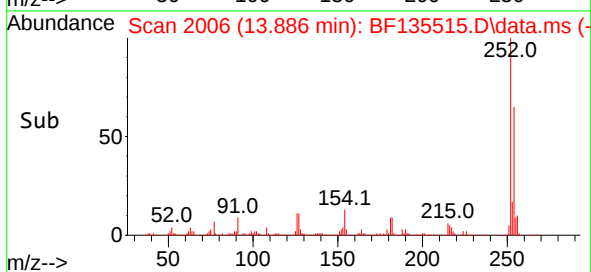
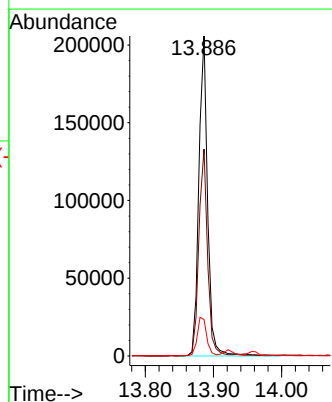
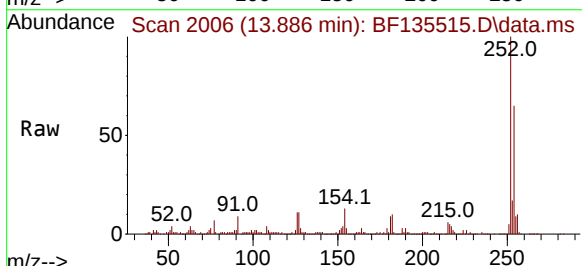
Delta R.T. -0.000 min

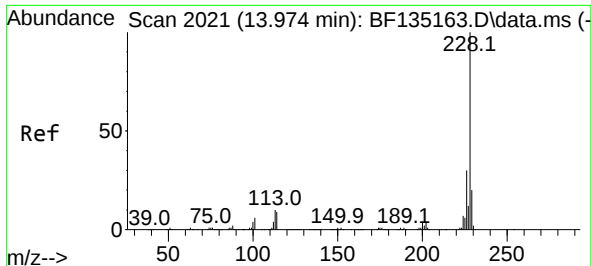
Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Tgt Ion:252 Resp: 184953

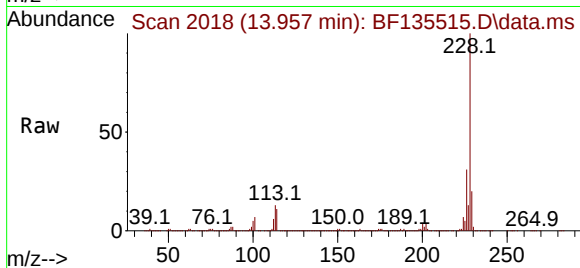
Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.0	76.4
126	11.4	7.8	11.8





#83
Chrysene
Concen: 52.970 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

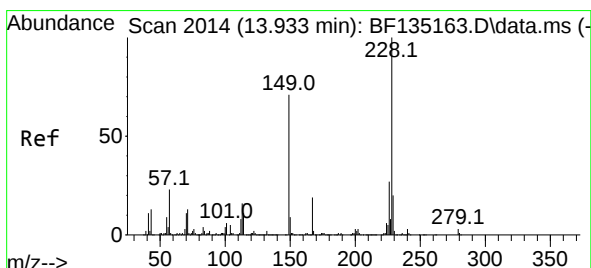
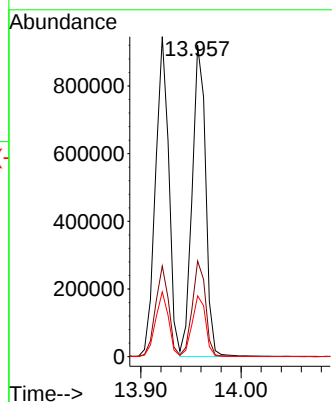
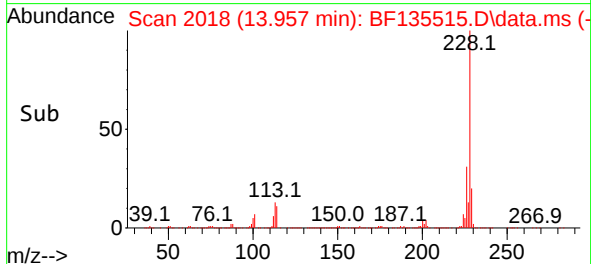
Instrument :
BNA_F
ClientSampleId :
STONE-INMSD



Tgt Ion:228 Resp: 85780
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 19.5 16.0 24.0

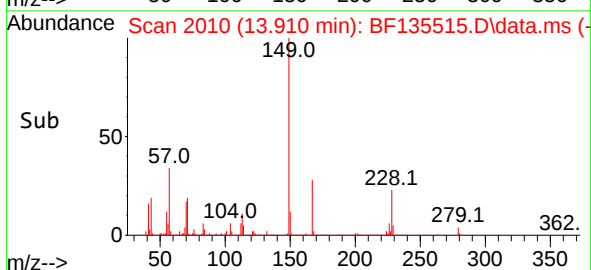
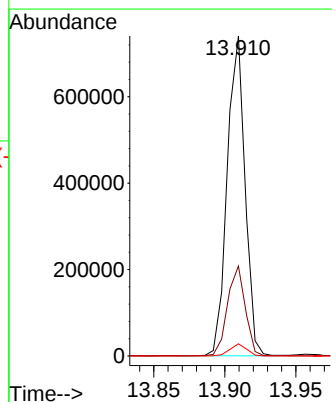
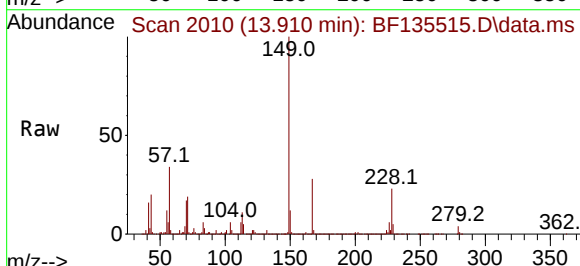
Manual Integrations
APPROVED

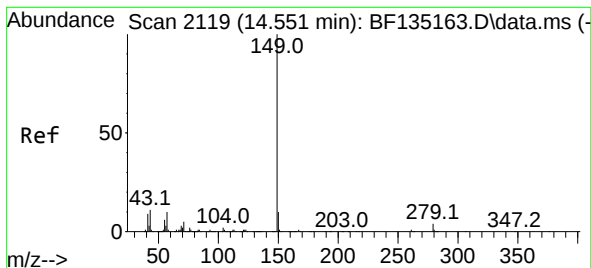
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 74.318 ng
RT: 13.910 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:149 Resp: 644850
Ion Ratio Lower Upper
149 100
167 28.1 21.9 32.9
279 3.8 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 80.353 ng

RT: 14.527 min Scan# 2115

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

Tgt Ion:149 Resp: 110800

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

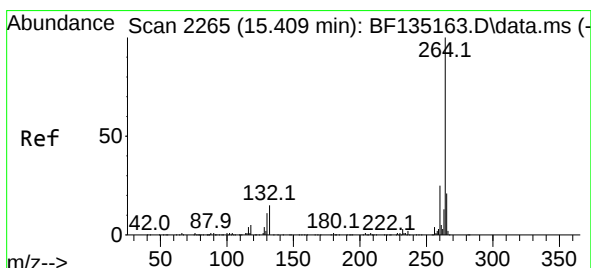
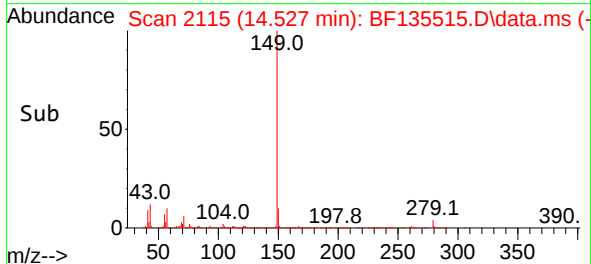
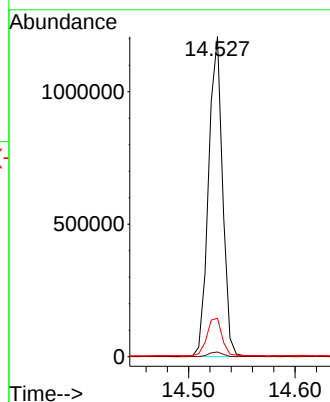
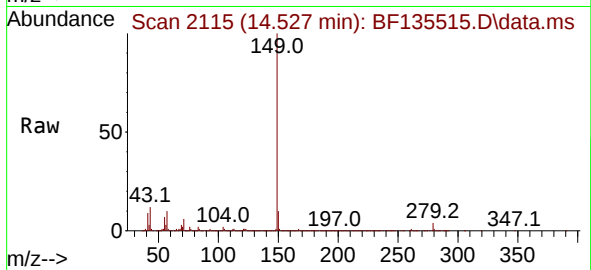
43 12.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 2262

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

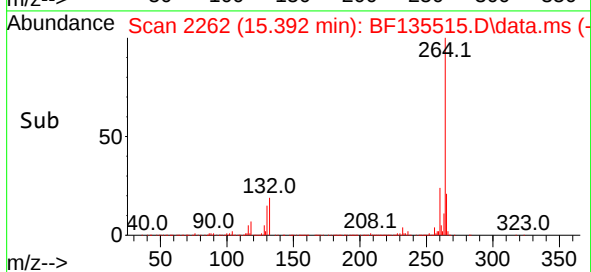
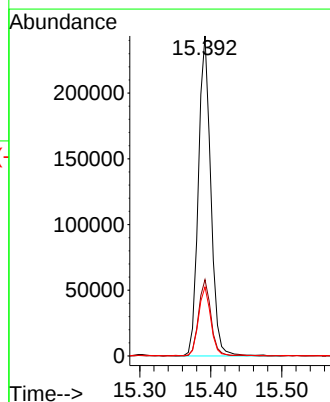
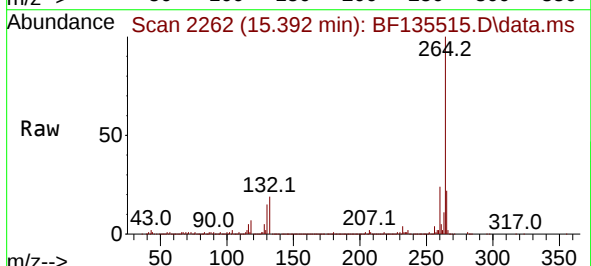
Tgt Ion:264 Resp: 296439

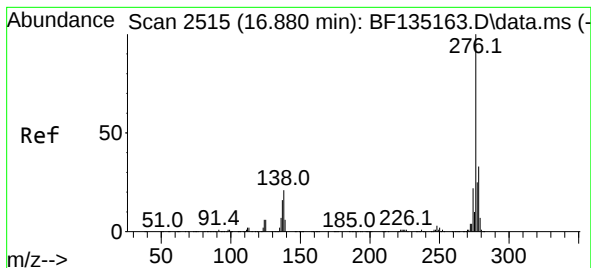
Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.132 ng

RT: 16.874 min Scan# 2190

Delta R.T. -0.006 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

Tgt Ion:276 Resp: 87720

Ion Ratio Lower Upper

276 100

138 27.6 19.2 28.8

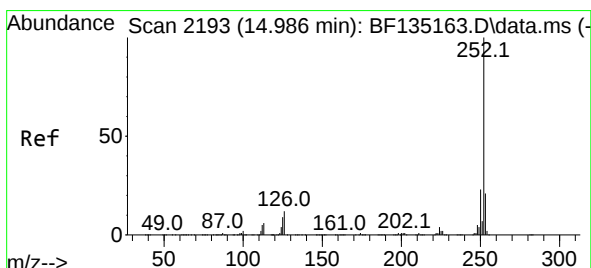
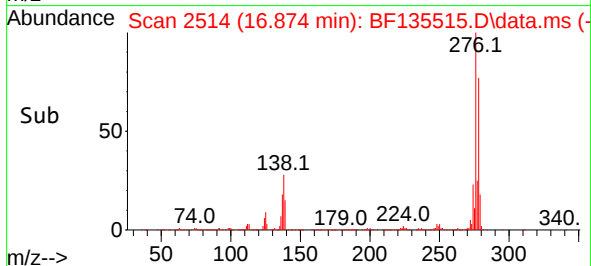
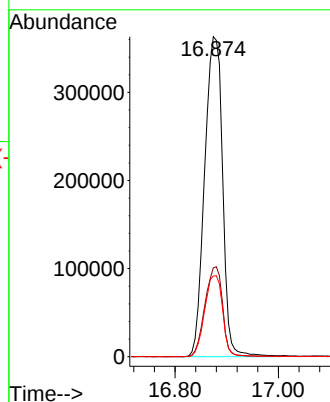
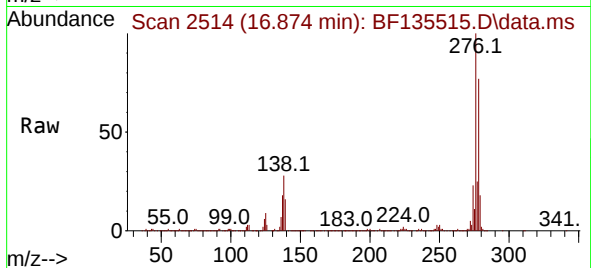
277 25.4 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#88

Benzo(b)fluoranthene

Concen: 57.103 ng

RT: 14.968 min Scan# 2190

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

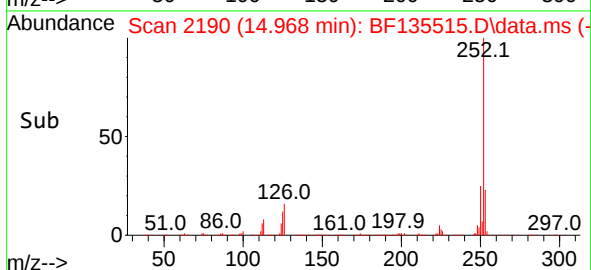
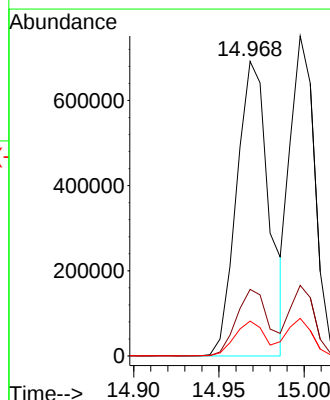
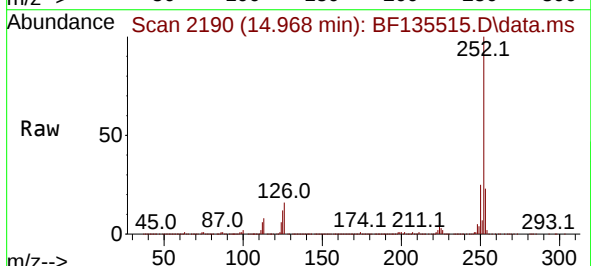
Tgt Ion:252 Resp: 916342

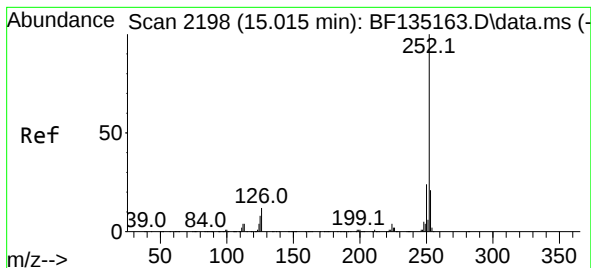
Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

125 11.8 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 47.994 ng

RT: 14.998 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

STONE-INMSD

Tgt Ion:252 Resp: 760790

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

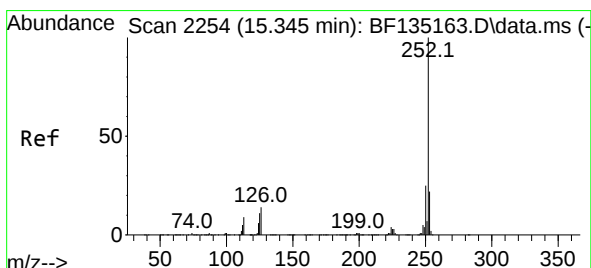
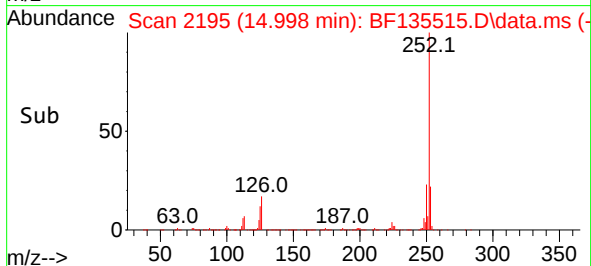
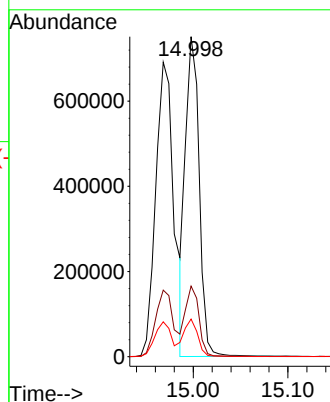
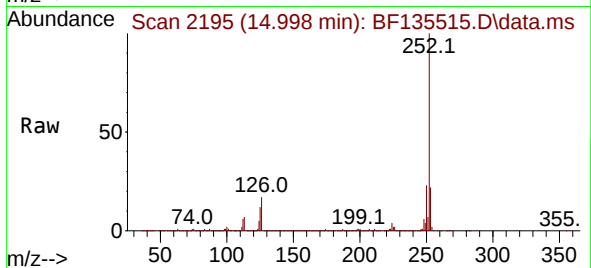
125 11.7 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#90

Benzo(a)pyrene

Concen: 50.480 ng

RT: 15.333 min Scan# 2252

Delta R.T. -0.000 min

Lab File: BF135515.D

Acq: 29 Sep 2023 14:41

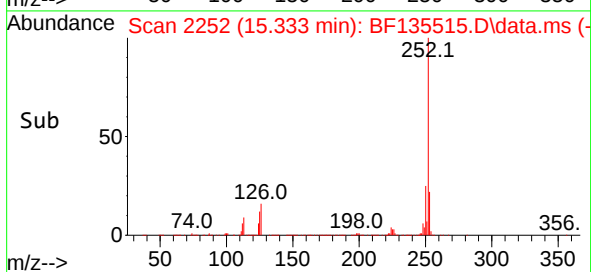
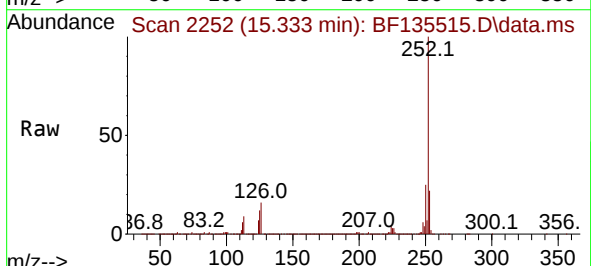
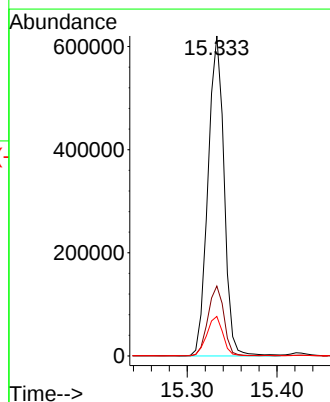
Tgt Ion:252 Resp: 772509

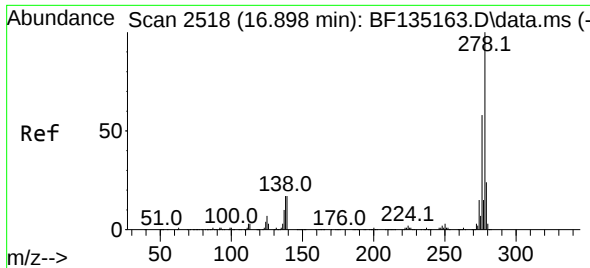
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 12.4 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 45.886 ng
RT: 16.886 min Scan# 2518
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Instrument :

BNA_F

ClientSampleId :

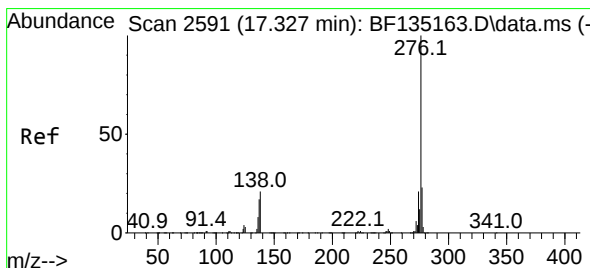
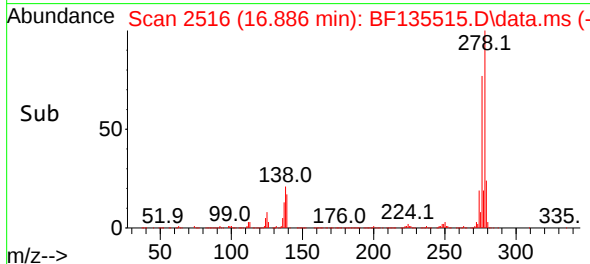
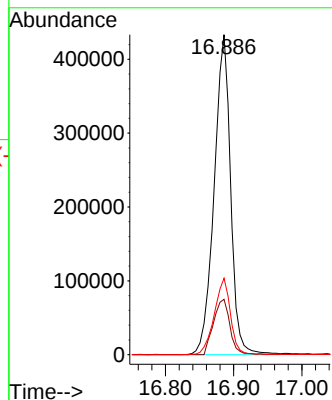
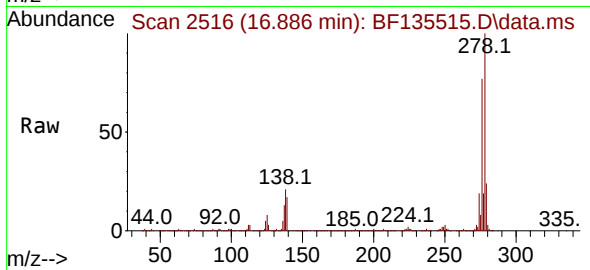
STONE-INMSD

Tgt Ion:278 Resp: 72974
Ion Ratio Lower Upper
278 100
139 17.3 13.4 20.0
279 23.9 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#92
Benzo(g,h,i)perylene
Concen: 41.654 ng
RT: 17.321 min Scan# 2590
Delta R.T. -0.000 min
Lab File: BF135515.D
Acq: 29 Sep 2023 14:41

Tgt Ion:276 Resp: 691829
Ion Ratio Lower Upper
276 100
277 23.6 18.8 28.2
138 23.9 16.9 25.3

