

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092923\
 Data File : BF135514.D
 Acq On : 29 Sep 2023 14:09
 Operator : CG\JU
 Sample : 04620-10MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023

Quant Time: Sep 30 00:19:58 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.746	152	153108	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	562162	20.000	ng	# 0.00
39) Acenaphthene-d10	9.781	164	257862	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	411269	20.000	ng	# 0.00
76) Chrysene-d12	13.933	240	254064	20.000	ng	0.00
86) Perylene-d12	15.392	264	304026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1143260	121.447	ng	0.02
7) Phenol-d6	6.404	99	1320120	110.286	ng	0.00
23) Nitrobenzene-d5	7.316	82	949894	91.801	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	262673	102.506	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1504629	88.034	ng	0.00
79) Terphenyl-d14	12.869	244	1204435	73.490	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	200070	48.481	ng	# 78
3) Pyridine	3.375	79	392695	35.357	ng	96
4) n-Nitrosodimethylamine	3.305	42	294026	49.887	ng	94
6) Aniline	6.422	93	309070	19.690	ng	# 50
8) 2-Chlorophenol	6.540	128	478599	47.626	ng	98
9) Benzaldehyde	6.310	77	82058	12.034	ng	99
10) Phenol	6.416	94	511190	38.946	ng	97
11) bis(2-Chloroethyl)ether	6.493	93	488578	49.624	ng	98
12) 1,3-Dichlorobenzene	6.687	146	464659	45.498	ng	98
13) 1,4-Dichlorobenzene	6.769	146	469819	45.216	ng	99
14) 1,2-Dichlorobenzene	6.916	146	436398	45.226	ng	98
15) Benzyl Alcohol	6.898	79	405049	47.156	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.028	45	864498	46.583	ng	84
17) 2-Methylphenol	7.016	107	362350	40.861	ng	94
18) Hexachloroethane	7.251	117	164508	42.849	ng	92
19) n-Nitroso-di-n-propyla...	7.169	70	314284	42.389	ng	98
20) 3+4-Methylphenols	7.169	107	441594	41.412	ng	# 83
22) Acetophenone	7.163	105	620739	48.297	ng	93
24) Nitrobenzene	7.334	77	505288	49.406	ng	98
25) Isophorone	7.575	82	928147	48.849	ng	99
26) 2-Nitrophenol	7.651	139	229935	46.844	ng	91
27) 2,4-Dimethylphenol	7.693	122	367884	44.589	ng	96
28) bis(2-Chloroethoxy)met...	7.781	93	580789	51.071	ng	99
29) 2,4-Dichlorophenol	7.893	162	360706	47.181	ng	100
30) 1,2,4-Trichlorobenzene	7.969	180	385073	48.189	ng	99
31) Naphthalene	8.045	128	1288686	47.181	ng	99
32) Benzoic acid	7.828	122	237718	38.263	ng	99
33) 4-Chloroaniline	8.104	127	165177	13.783	ng	96
34) Hexachlorobutadiene	8.157	225	214552	44.528	ng	99
35) Caprolactam	8.481	113	95171m	37.092	ng	
36) 4-Chloro-3-methylphenol	8.598	107	374456	44.069	ng	99
37) 2-Methylnaphthalene	8.739	142	788639	42.954	ng	99
38) 1-Methylnaphthalene	8.839	142	760189	44.224	ng	98
40) 1,2,4,5-Tetrachloroben...	8.904	216	366488	49.058	ng	99
41) Hexachlorocyclopentadiene	8.887	237	131111	43.538	ng	98
43) 2,4,6-Trichlorophenol	9.028	196	236959	48.446	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Sep 30 00:12:20 2023

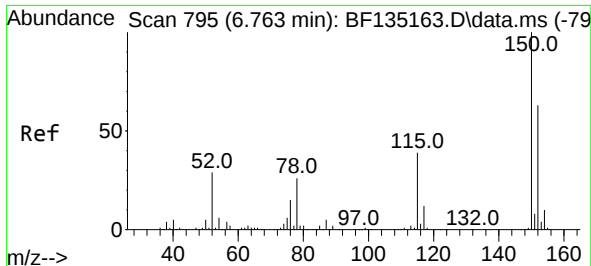
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	245739	43.626	ng	99
46) 1,1'-Biphenyl	9.204	154	974325	49.168	ng	98
47) 2-Chloronaphthalene	9.234	162	726731	50.545	ng	99
48) 2-Nitroaniline	9.339	65	277138	49.615	ng	96
49) Acenaphthylene	9.645	152	1152198	48.219	ng	99
50) Dimethylphthalate	9.510	163	827256	47.450	ng	100
51) 2,6-Dinitrotoluene	9.581	165	174159	45.600	ng	90
52) Acenaphthene	9.816	154	671497	47.570	ng	95
53) 3-Nitroaniline	9.751	138	130153	29.032	ng	92
54) 2,4-Dinitrophenol	9.869	184	102726	49.927	ng	95
55) Dibenzofuran	9.992	168	958657	44.505	ng	99
56) 4-Nitrophenol	9.934	139	180461	63.336	ng	95
57) 2,4-Dinitrotoluene	9.986	165	189112	39.552	ng	# 80
58) Fluorene	10.334	166	736232	44.460	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	180954	41.762	ng	99
60) Diethylphthalate	10.210	149	796913	45.547	ng	99
61) 4-Chlorophenyl-phenyle...	10.328	204	343051	43.126	ng	93
62) 4-Nitroaniline	10.369	138	173177	40.186	ng	95
63) Azobenzene	10.486	77	816607	47.688	ng	97
65) 4,6-Dinitro-2-methylph...	10.404	198	76247	34.906	ng	89
66) n-Nitrosodiphenylamine	10.451	169	663601	53.297	ng	100
67) 4-Bromophenyl-phenylether	10.816	248	209920	51.321	ng	93
68) Hexachlorobenzene	10.881	284	215815	51.790	ng	# 87
69) Atrazine	10.981	200	184182	54.976	ng	98
70) Pentachlorophenol	11.086	266	180696	72.475	ng	99
71) Phenanthrene	11.298	178	979380	50.350	ng	99
72) Anthracene	11.351	178	996110	49.821	ng	99
73) Carbazole	11.516	167	912423	50.131	ng	98
74) Di-n-butylphthalate	11.845	149	1156246	53.912	ng	100
75) Fluoranthene	12.492	202	991649	48.927	ng	98
77) Benzidine	12.622	184	159620	30.667	ng	99
78) Pyrene	12.722	202	1000211	41.350	ng	99
80) Butylbenzylphthalate	13.345	149	427538	50.201	ng	94
81) Benzo(a)anthracene	13.922	228	818167	49.871	ng	98
82) 3,3'-Dichlorobenzidine	13.886	252	167594	32.705	ng	# 97
83) Chrysene	13.957	228	810148	49.669	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	575187	65.815	ng	99
85) Di-n-octyl phthalate	14.527	149	1044755	75.224	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	846262	42.453	ng	96
88) Benzo(b)fluoranthene	14.969	252	887483	53.924	ng	# 98
89) Benzo(k)fluoranthene	14.998	252	730180	44.913	ng	# 97
90) Benzo(a)pyrene	15.333	252	735934	46.890	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	696281	42.690	ng	98
92) Benzo(g,h,i)perylene	17.315	276	668672	39.255	ng	96

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

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

[illegible]



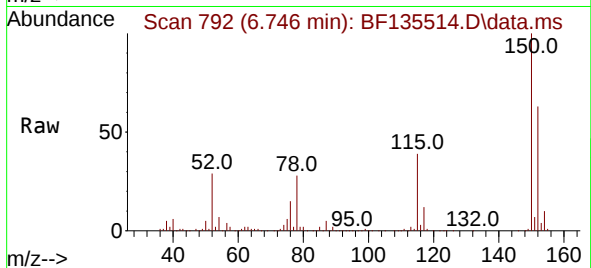
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.746 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

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BNA_F

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STONE-INMS

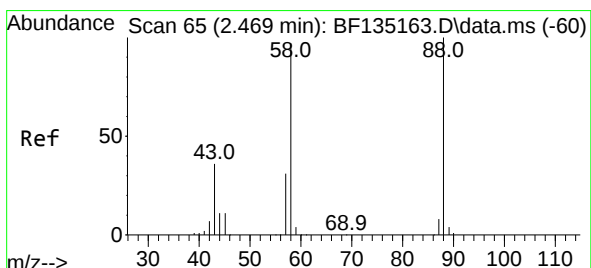
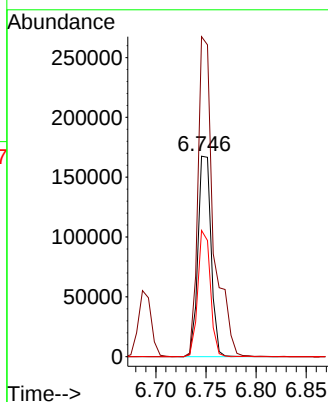
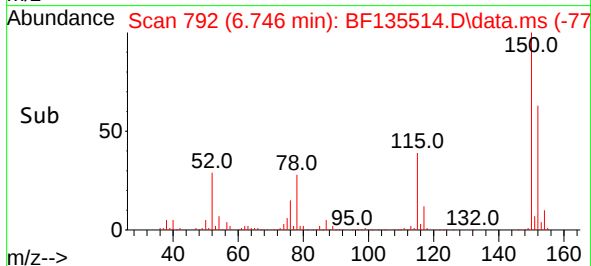


Tgt Ion:152 Resp: 153108
Ion Ratio Lower Upper
152 100
150 159.6 127.8 191.6
115 63.0 49.8 74.8

Manual Integrations

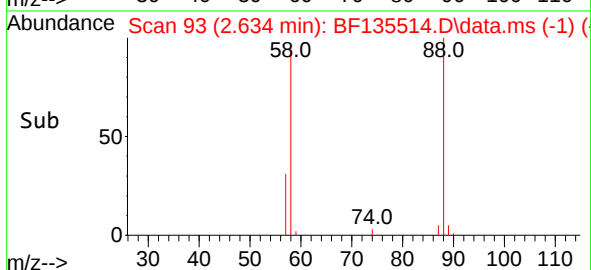
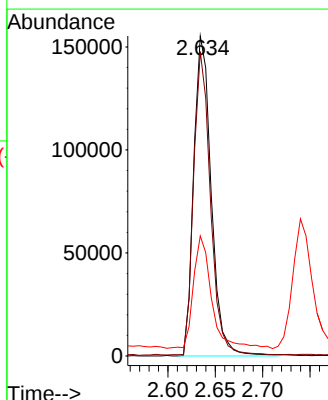
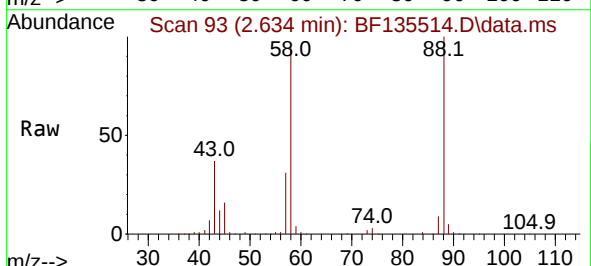
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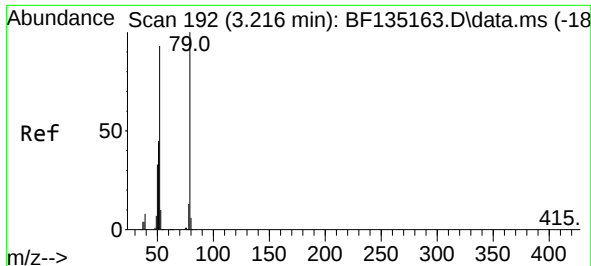
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#2
1,4-Dioxane
Concen: 48.481 ng
RT: 2.634 min Scan# 93
Delta R.T. 0.188 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

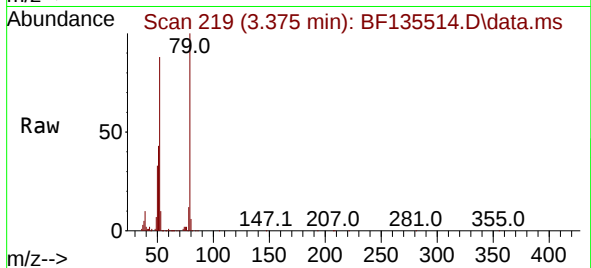
Tgt Ion: 88 Resp: 200070
Ion Ratio Lower Upper
88 100
58 91.0 78.3 117.5
43 0.0 29.4 44.0#





#3
Pyridine
Concen: 35.357 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.177 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

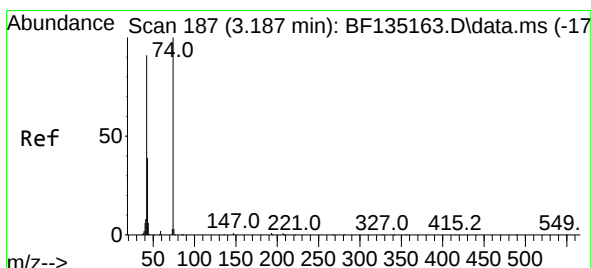
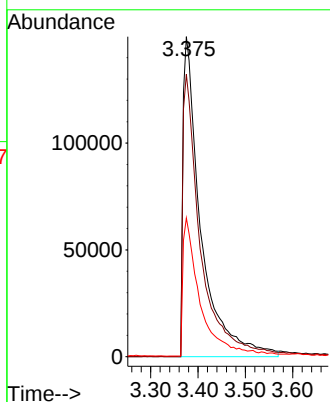
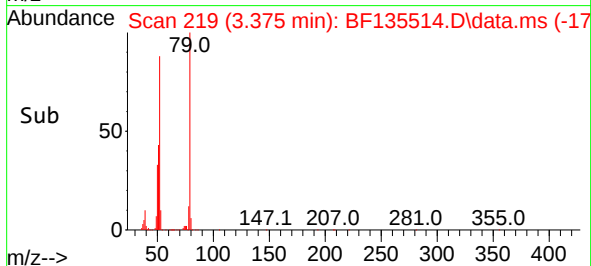
Instrument :
BNA_F
ClientSampleId :
STONE-INMS



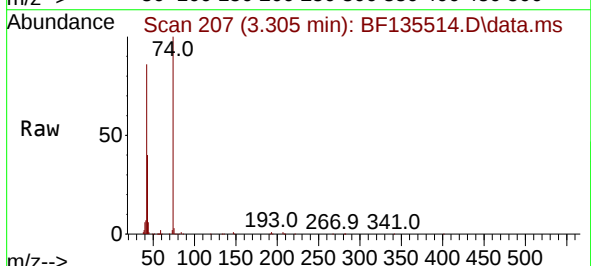
Tgt Ion: 79 Resp: 39269
Ion Ratio Lower Upper
79 100
52 88.3 74.1 111.1
51 43.3 35.8 53.8

Manual Integrations
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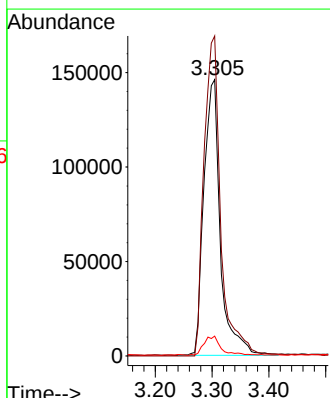
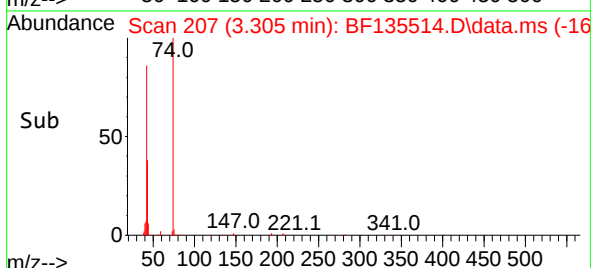
Reviewed By :Yogesh Patel 10/02/2023
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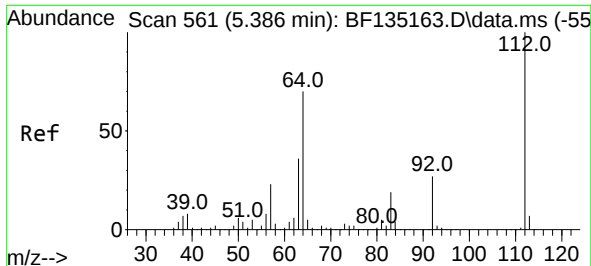


#4
n-Nitrosodimethylamine
Concen: 49.887 ng
RT: 3.305 min Scan# 207
Delta R.T. 0.135 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09



Tgt Ion: 42 Resp: 294026
Ion Ratio Lower Upper
42 100
74 115.8 87.7 131.5
44 7.2 5.6 8.4





#5
2-Fluorophenol
Concen: 121.447 ng
RT: 5.404 min Scan# 501
Delta R.T. 0.024 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

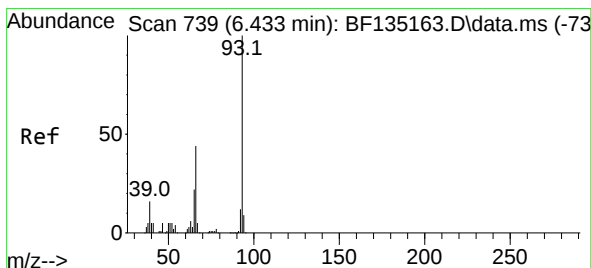
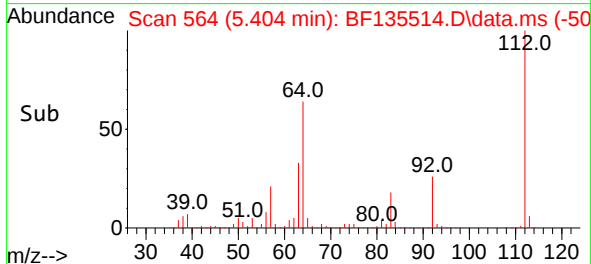
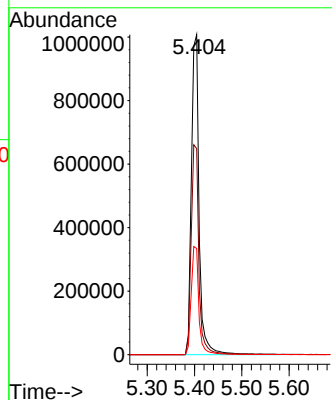
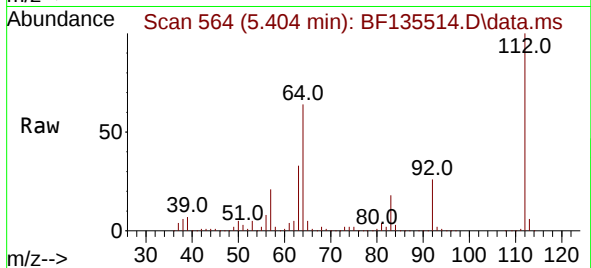
STONE-INMS

Tgt Ion:112 Resp: 1143260
Ion Ratio Lower Upper
112 100
64 64.4 55.9 83.9
63 33.2 29.0 43.6

Manual Integrations

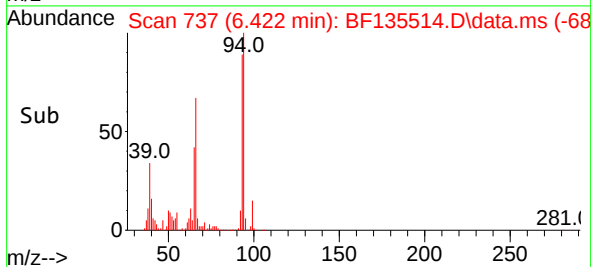
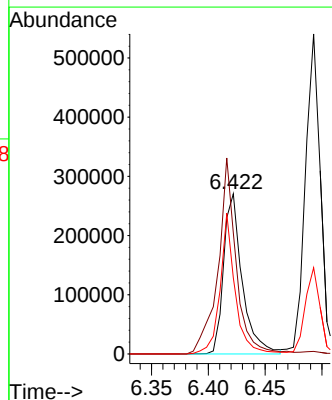
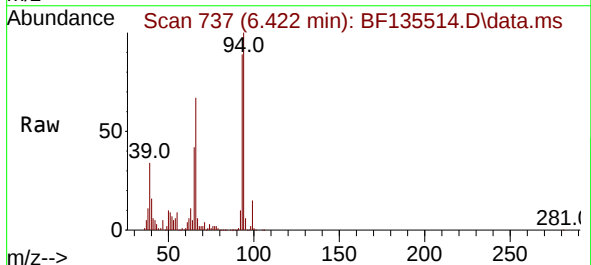
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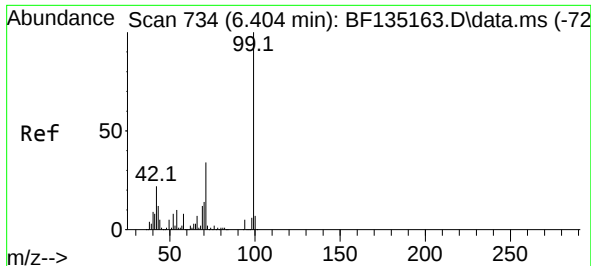
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#6
Aniline
Concen: 19.690 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Tgt Ion: 93 Resp: 309070
Ion Ratio Lower Upper
93 100
66 75.7 35.4 53.0#
65 47.5 17.8 26.8#





#7

Phenol-d6

Concen: 110.286 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135514.D

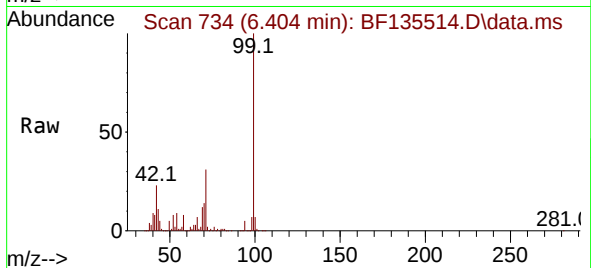
Acq: 29 Sep 2023 14:09

Instrument :

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ClientSampleId :

STONE-INMS



Tgt Ion: 99 Resp: 1320120

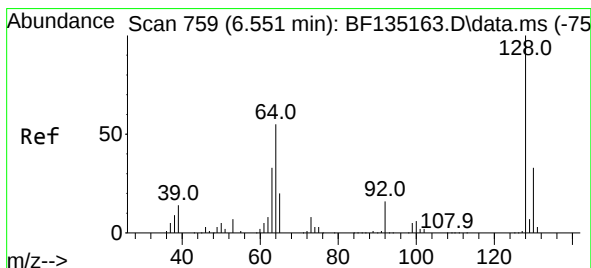
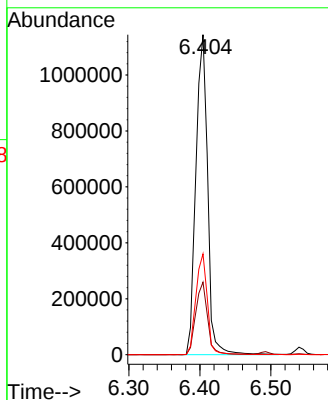
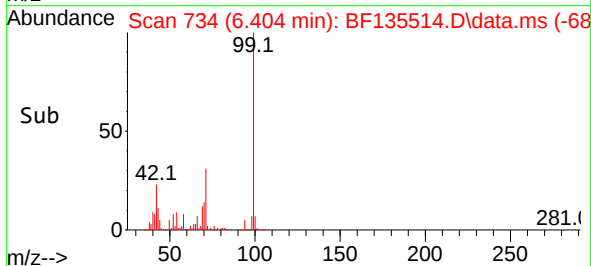
Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.9	26.9
71	31.5	27.0	40.6

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#8

2-Chlorophenol

Concen: 47.626 ng

RT: 6.540 min Scan# 757

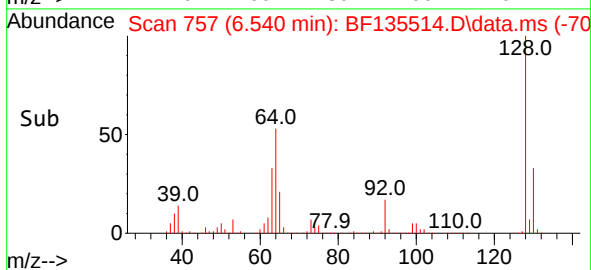
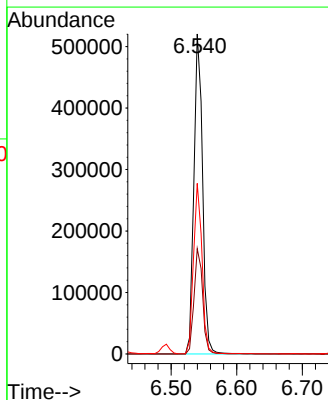
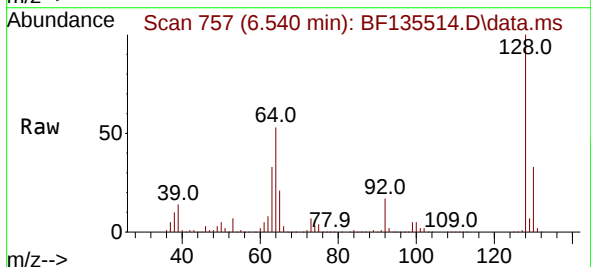
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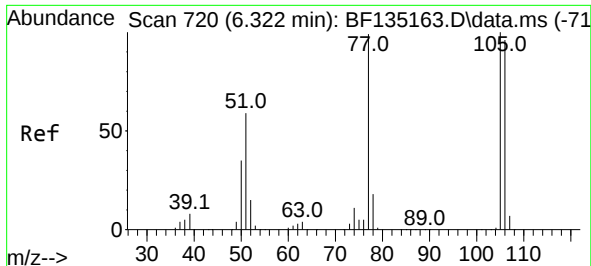
Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

Tgt Ion:128 Resp: 478599

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.7	52.7
64	53.3	35.9	75.9





#9

Benzaldehyde

Concen: 12.034 ng

RT: 6.310 min Scan# 718

Delta R.T. 0.006 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

Instrument :

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ClientSampleId :

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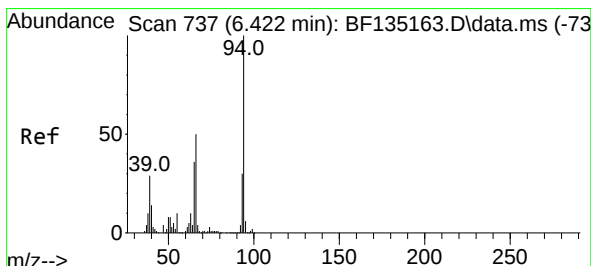
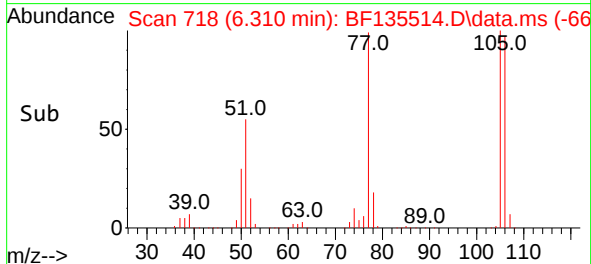
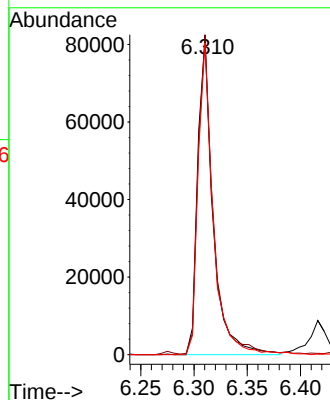
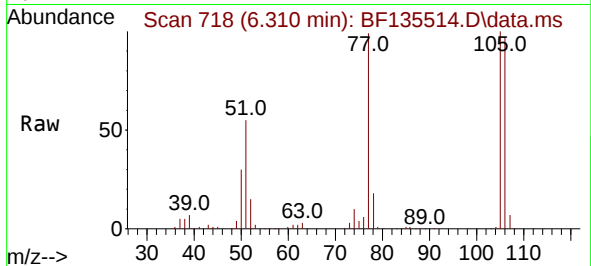
Tgt Ion:	77	Resp:	82058
Ion	Ratio	Lower	Upper
77	100		
105	101.4	81.4	121.4
106	98.8	76.9	116.9

Manual Integrations

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Supervised By :mohammad ahmed 10/03/2023



#10

Phenol

Concen: 38.946 ng

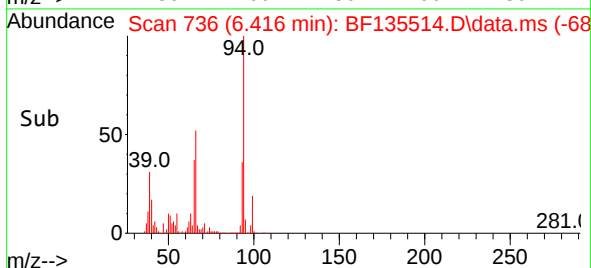
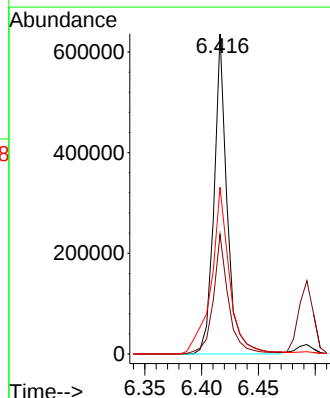
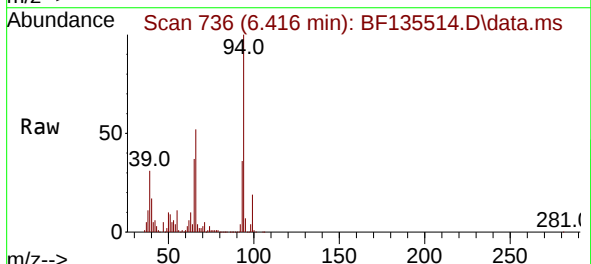
RT: 6.416 min Scan# 736

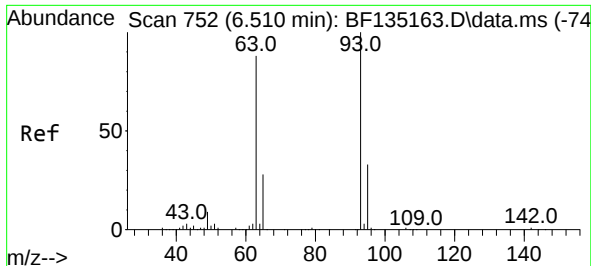
Delta R.T. 0.000 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

Tgt Ion:	94	Resp:	511190
Ion	Ratio	Lower	Upper
94	100		
65	37.4	15.9	55.9
66	52.1	29.8	69.8





#11

bis(2-Chloroethyl)ether

Concen: 49.624 ng

RT: 6.493 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

Tgt Ion: 93 Resp: 488578

Ion Ratio Lower Upper

93 100

63 85.4 67.3 107.3

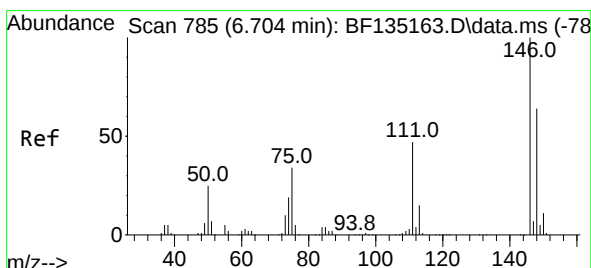
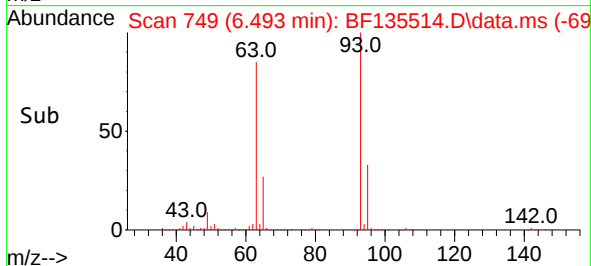
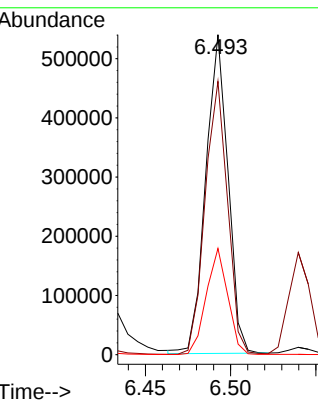
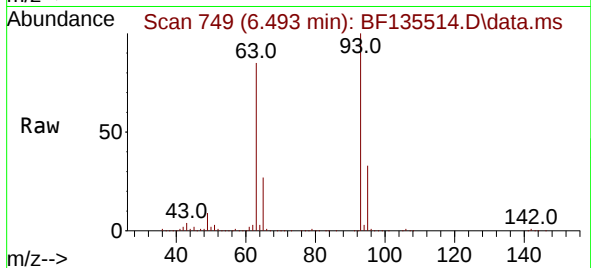
95 33.2 12.7 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#12

1,3-Dichlorobenzene

Concen: 45.498 ng

RT: 6.687 min Scan# 782

Delta R.T. 0.000 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

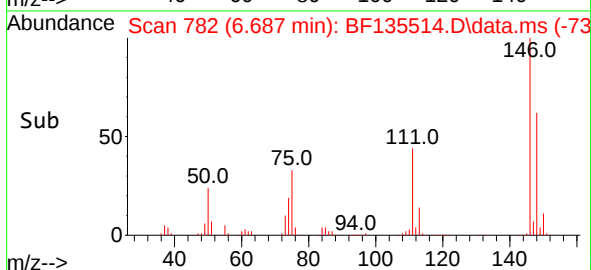
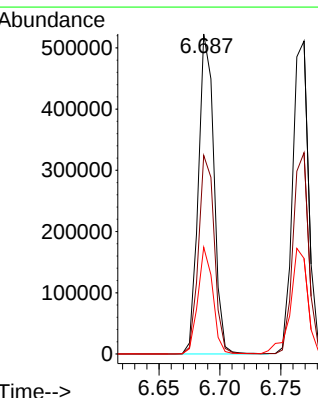
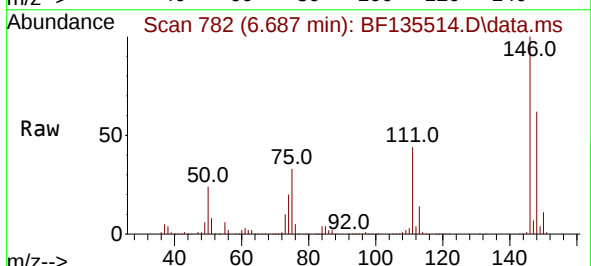
Tgt Ion:146 Resp: 464659

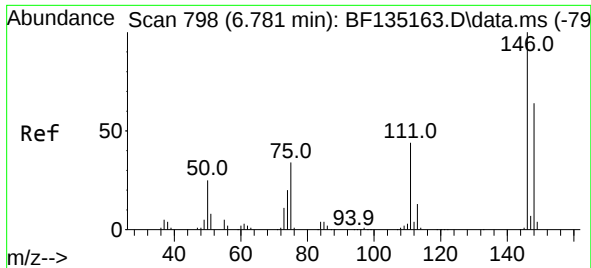
Ion Ratio Lower Upper

146 100

148 62.1 51.3 76.9

75 33.3 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 45.216 ng

RT: 6.769 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

Tgt Ion:146 Resp: 469819

Ion Ratio Lower Upper

146 100

148 64.3 51.3 76.9

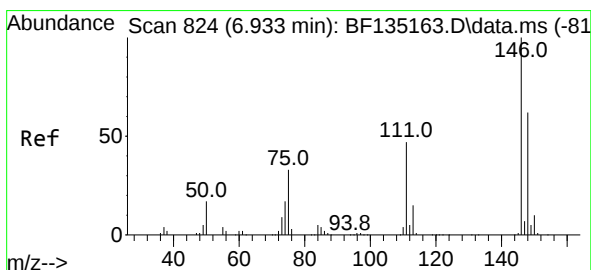
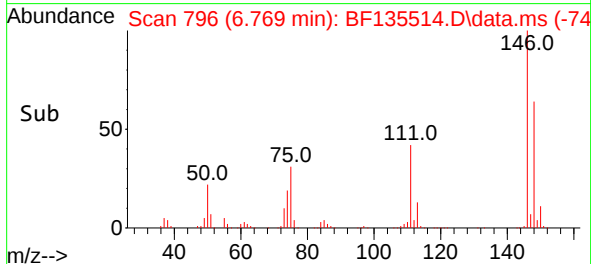
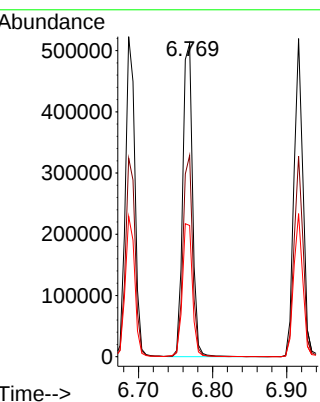
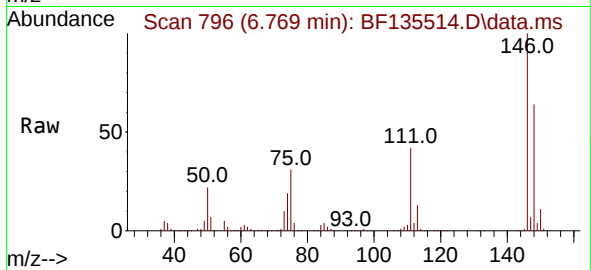
111 41.9 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#14

1,2-Dichlorobenzene

Concen: 45.226 ng

RT: 6.916 min Scan# 821

Delta R.T. 0.000 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

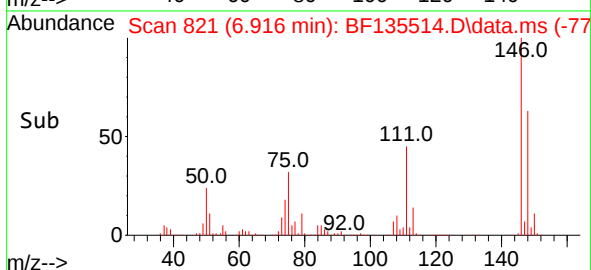
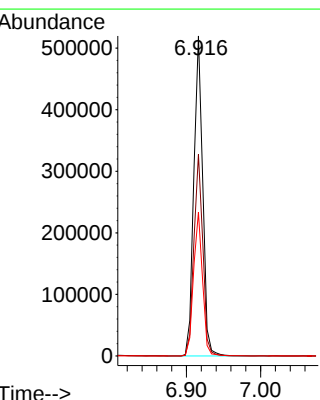
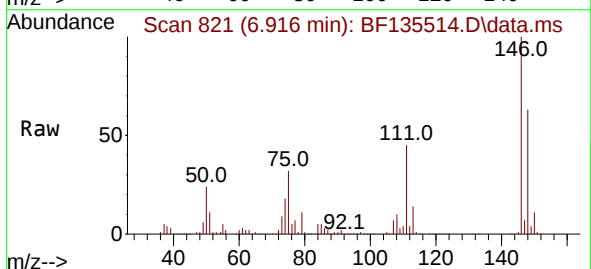
Tgt Ion:146 Resp: 436398

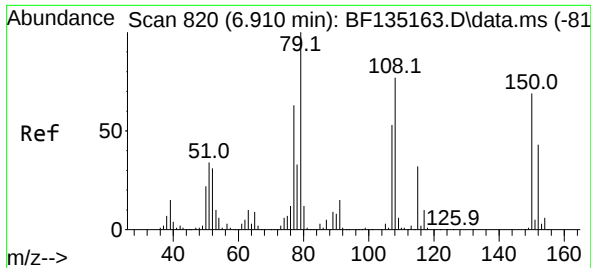
Ion Ratio Lower Upper

146 100

148 63.0 49.7 74.5

111 45.0 37.4 56.2





#15
Benzyl Alcohol
Concen: 47.156 ng
RT: 6.898 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

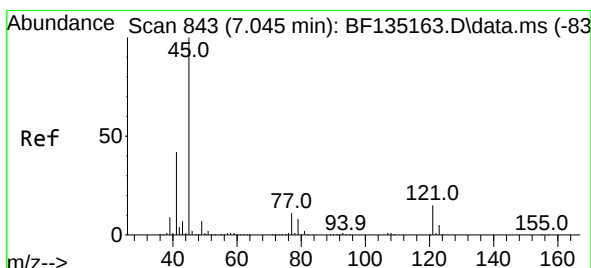
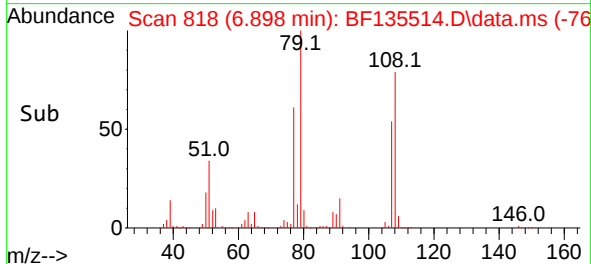
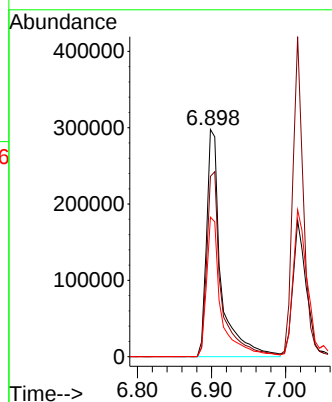
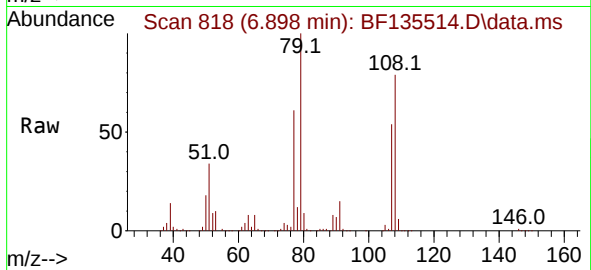
STONE-INMS

Tgt Ion: 79 Resp: 405049
Ion Ratio Lower Upper
79 100
108 79.4 61.2 91.8
77 61.4 50.5 75.7

Manual Integrations

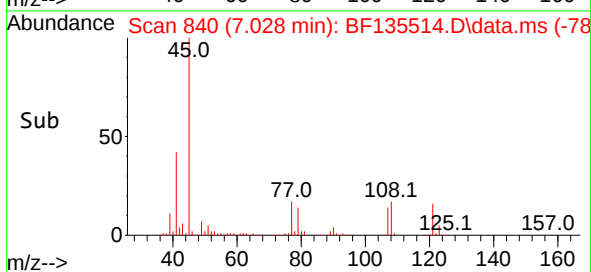
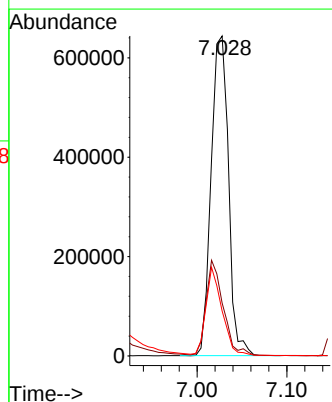
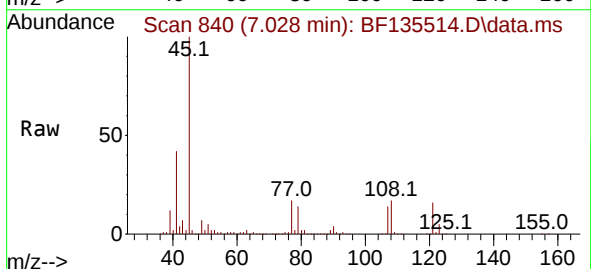
APPROVED

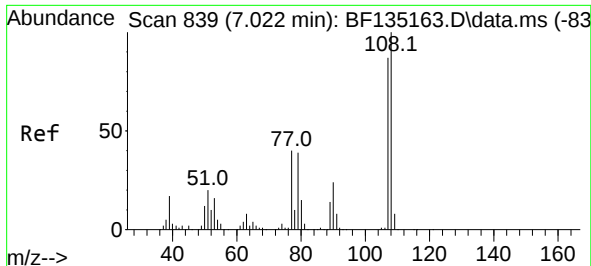
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.583 ng
RT: 7.028 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Tgt Ion: 45 Resp: 864498
Ion Ratio Lower Upper
45 100
77 16.6 0.0 30.6
79 14.1 0.0 28.3





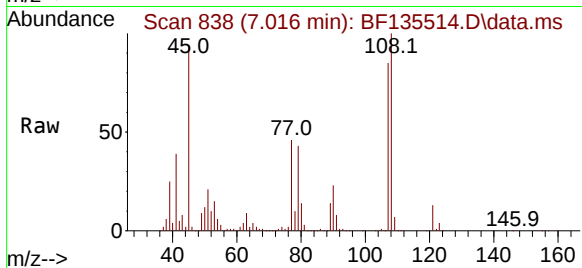
#17
2-Methylphenol
Concen: 40.861 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

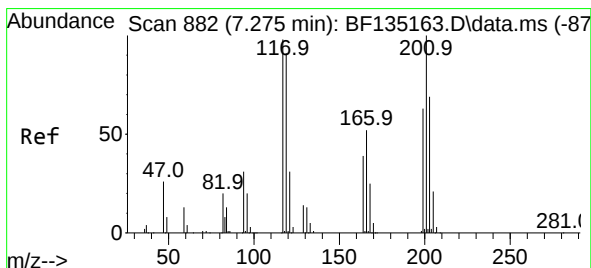
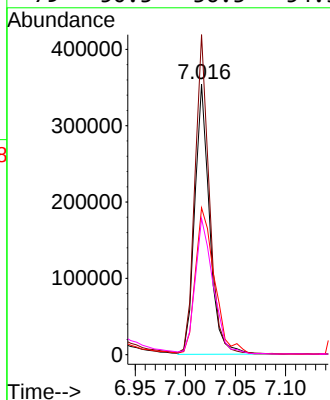
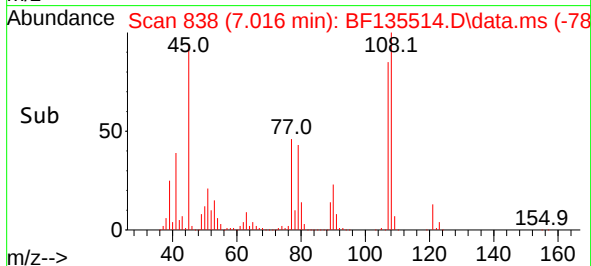


Tgt Ion:107 Resp: 362350
Ion Ratio Lower Upper
107 100
108 118.3 92.0 138.0
77 54.3 36.7 55.1
79 50.3 36.3 54.5

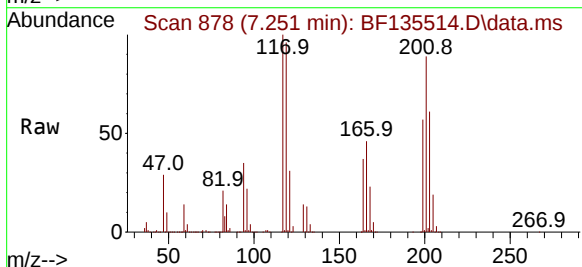
Manual Integrations

APPROVED

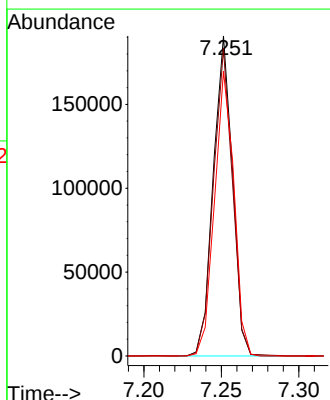
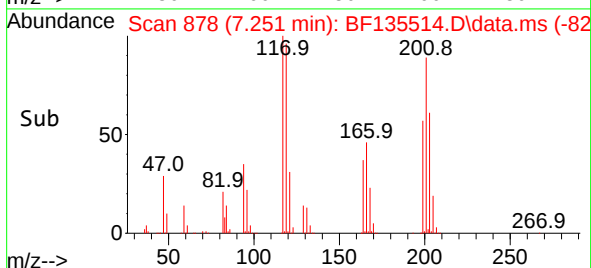
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

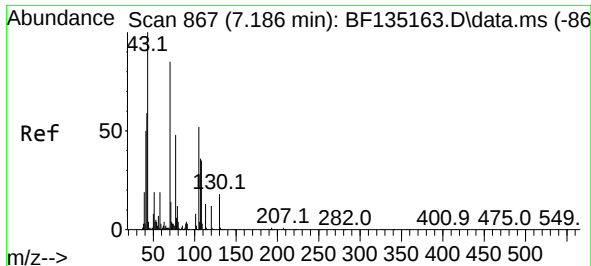


#18
Hexachloroethane
Concen: 42.849 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09



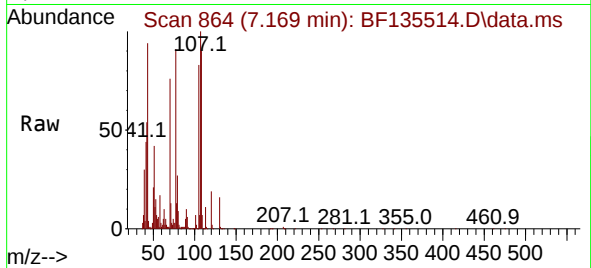
Tgt Ion:117 Resp: 164508
Ion Ratio Lower Upper
117 100
119 96.1 74.7 112.1
201 89.0 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 42.389 ng
RT: 7.169 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

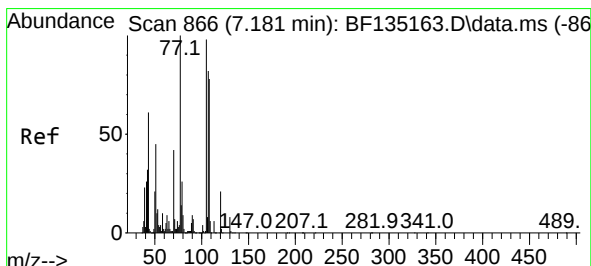
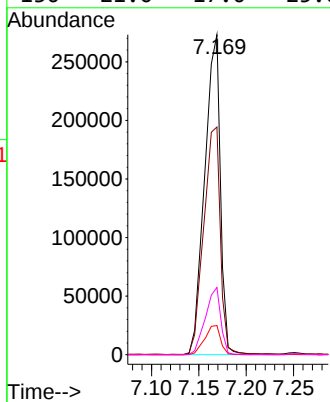
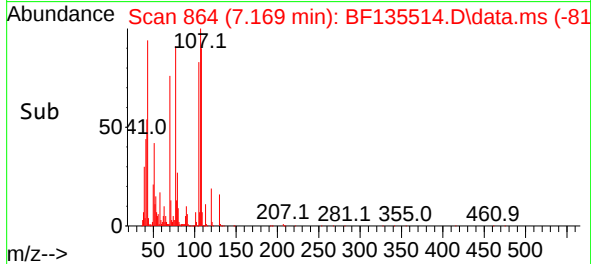
Instrument :
BNA_F
ClientSampleId :
STONE-INMS



Tgt Ion: 70 Resp: 314284
Ion Ratio Lower Upper
70 100
42 71.2 55.4 83.0
101 9.1 7.7 11.5
130 21.0 17.0 25.6

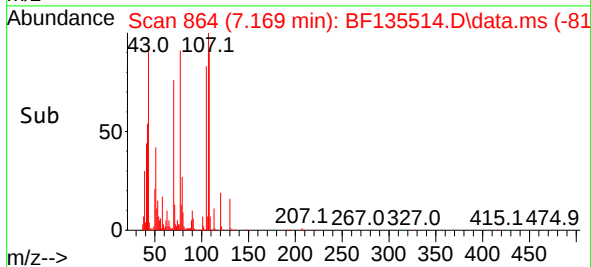
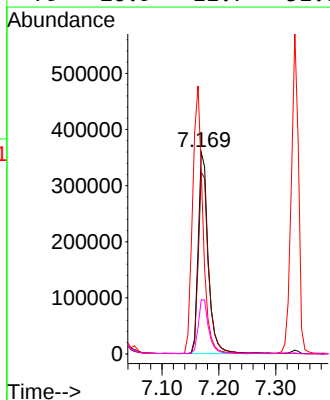
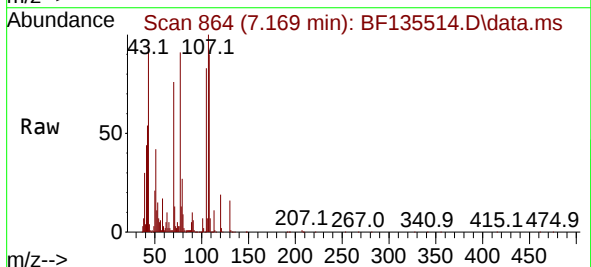
Manual Integrations
APPROVED

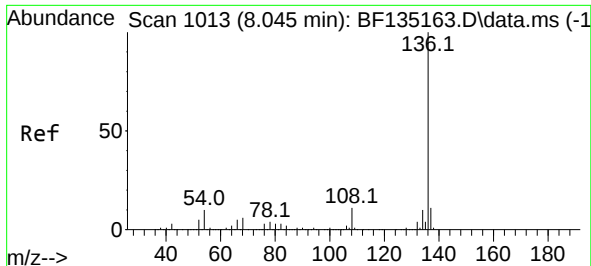
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#20
3+4-Methylphenols
Concen: 41.412 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Tgt Ion:107 Resp: 441594
Ion Ratio Lower Upper
107 100
108 90.1 74.7 114.7
77 90.8 102.0 142.0#
79 26.9 11.7 51.7





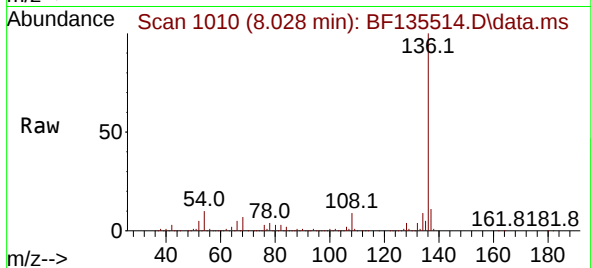
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

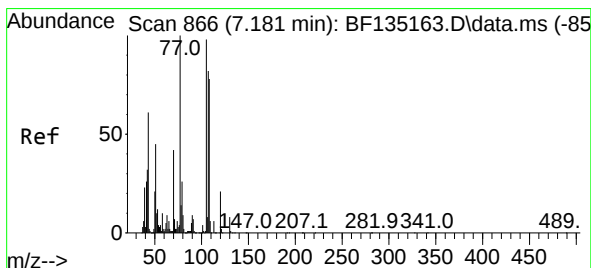
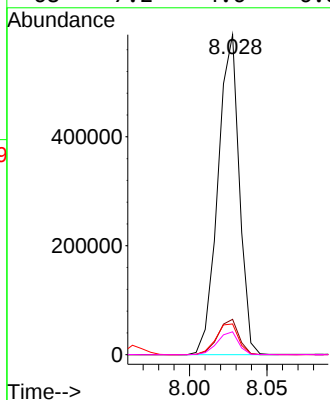
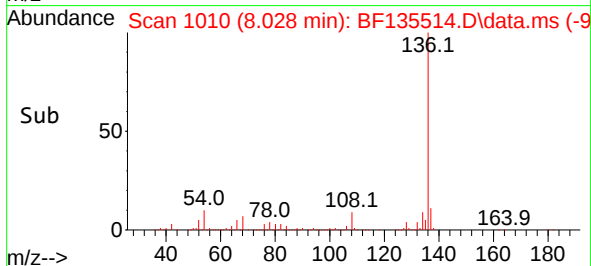


Tgt Ion:136 Resp: 562162
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.6 7.7 11.5
68 7.2 4.6 6.8#

Manual Integrations

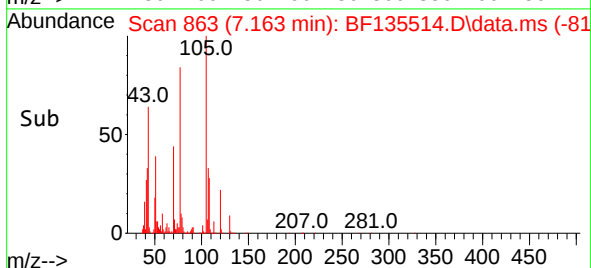
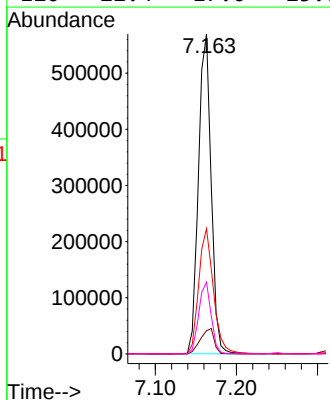
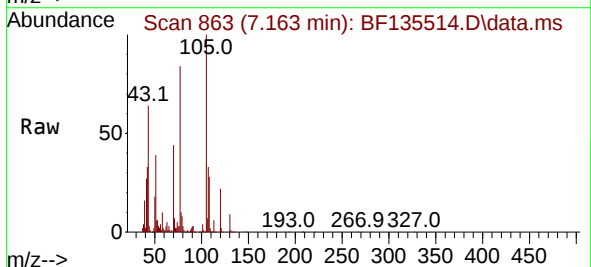
APPROVED

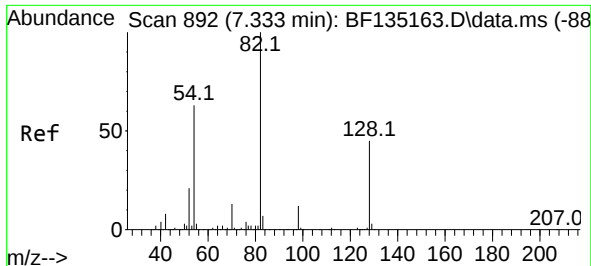
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#22
Acetophenone
Concen: 48.297 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Tgt Ion:105 Resp: 620739
Ion Ratio Lower Upper
105 100
71 7.3 5.8 8.6
51 39.2 37.0 55.4
120 22.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 91.801 ng

RT: 7.316 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

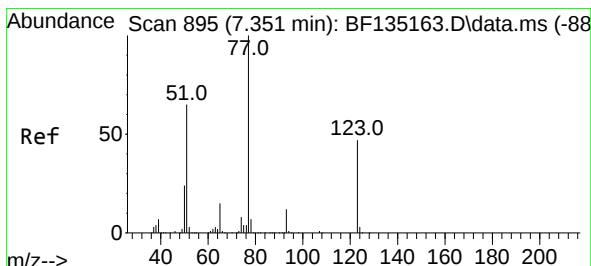
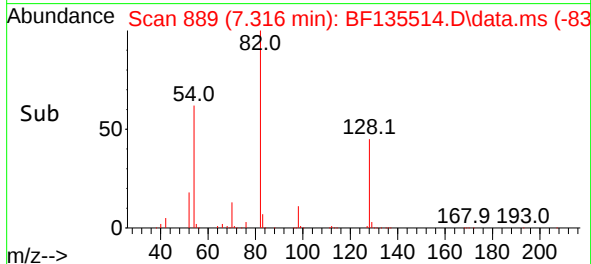
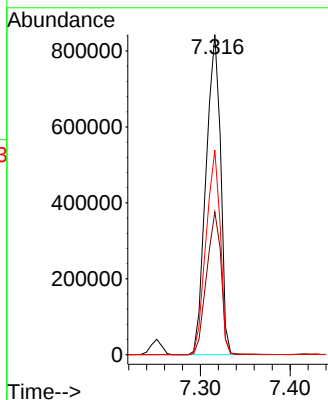
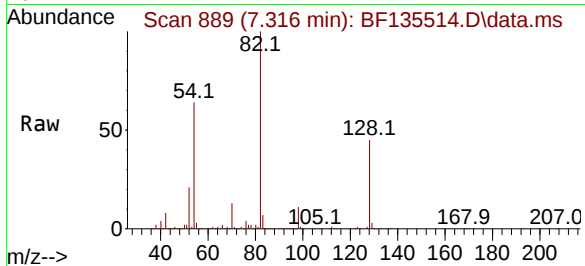
STONE-INMS

Tgt Ion:	82	Resp:	949894
Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.8	53.6
54	63.9	50.6	76.0

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 49.406 ng

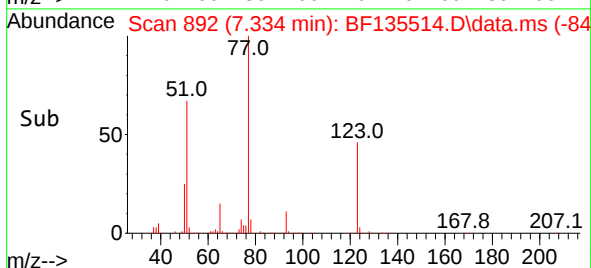
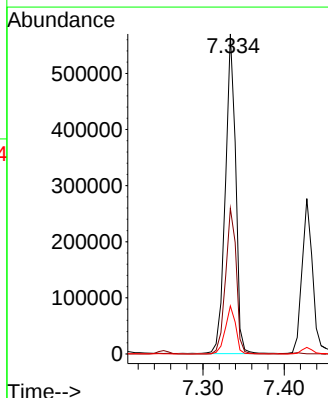
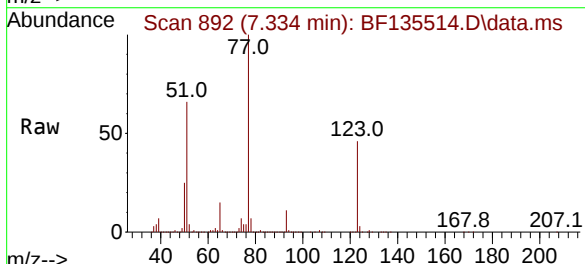
RT: 7.334 min Scan# 892

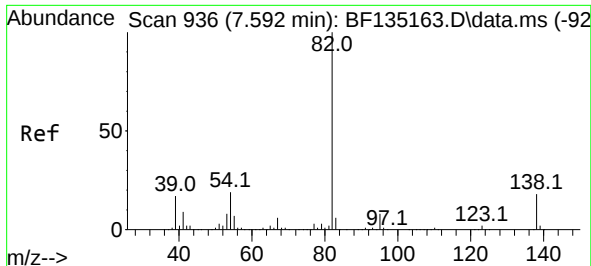
Delta R.T. -0.006 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

Tgt Ion:	77	Resp:	505288
Ion	Ratio	Lower	Upper
77	100		
123	45.5	37.6	56.4
65	15.0	12.2	18.4





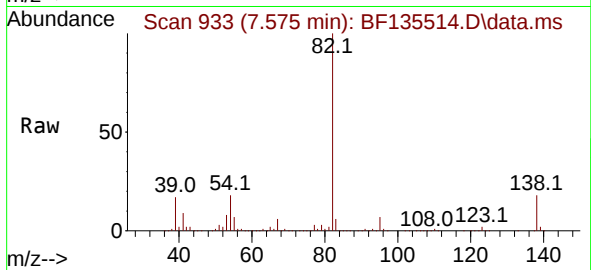
#25
Isophorone
Concen: 48.849 ng
RT: 7.575 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

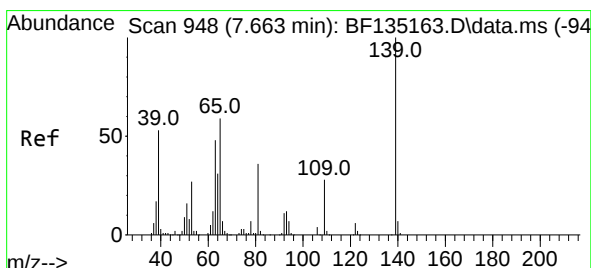
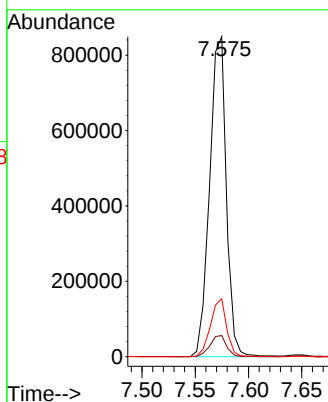
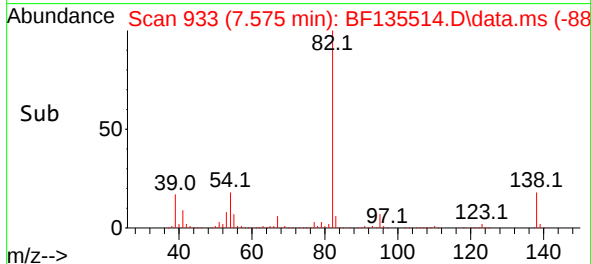


Tgt Ion: 82 Resp: 92814
Ion Ratio Lower Upper
82 100
95 6.6 6.0 9.0
138 18.1 14.5 21.7

Manual Integrations

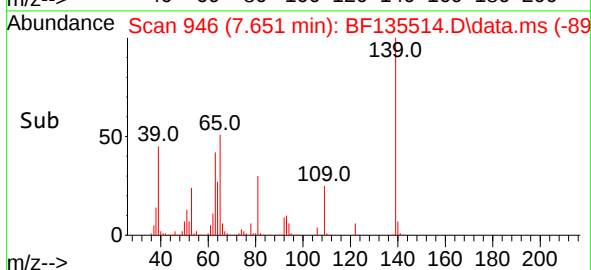
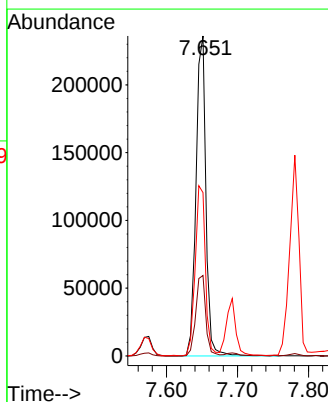
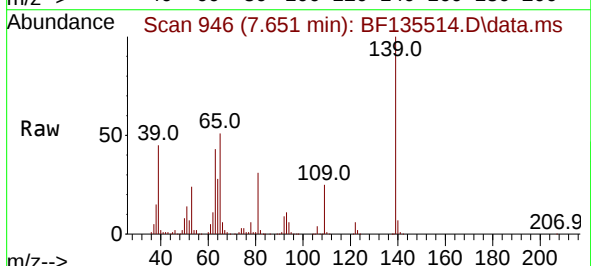
APPROVED

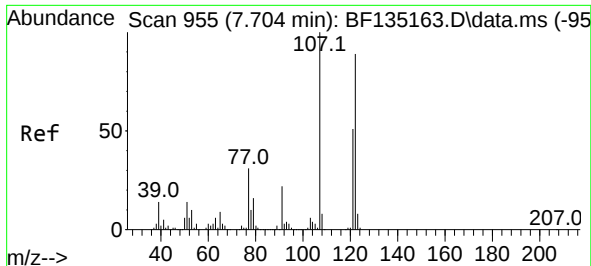
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#26
2-Nitrophenol
Concen: 46.844 ng
RT: 7.651 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Tgt Ion:139 Resp: 229935
Ion Ratio Lower Upper
139 100
109 25.1 22.6 33.8
65 51.1 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 44.589 ng

RT: 7.693 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135514.D

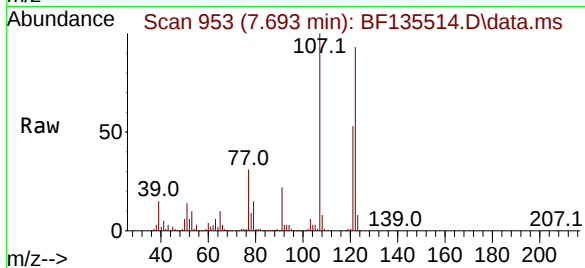
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS



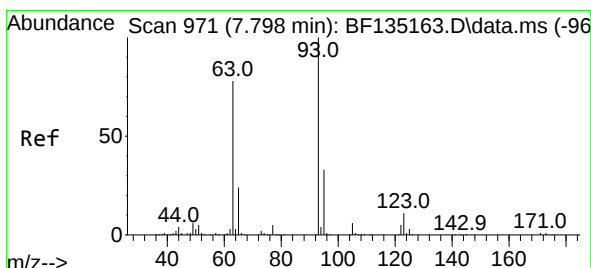
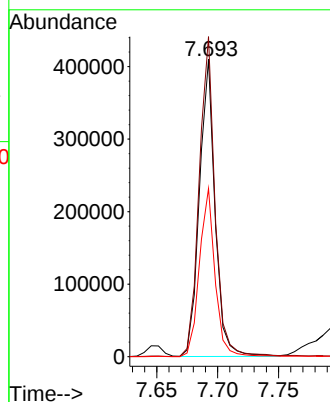
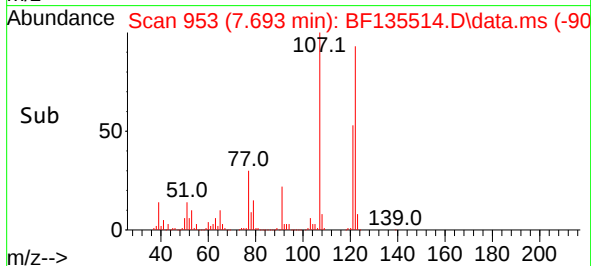
Tgt Ion	Ratio	Lower	Upper
122	100		
107	107.7	90.2	135.4
121	56.6	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#28

bis(2-Chloroethoxy)methane

Concen: 51.071 ng

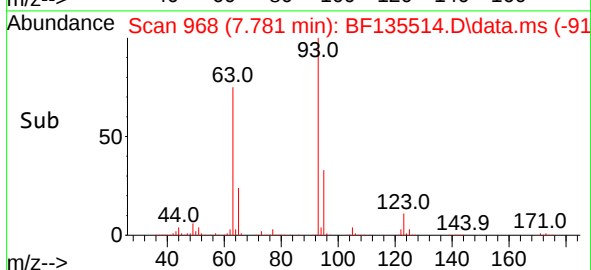
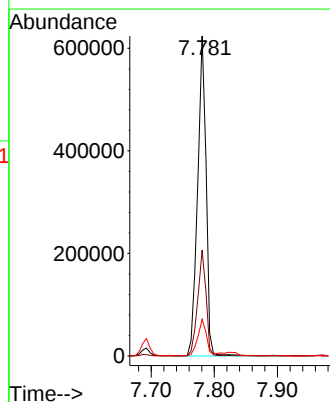
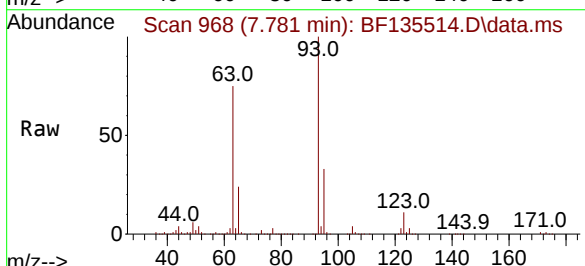
RT: 7.781 min Scan# 968

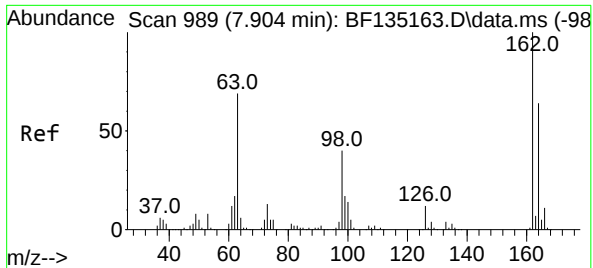
Delta R.T. -0.006 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.2
123	11.4	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 47.181 ng

RT: 7.893 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

Tgt Ion:162 Resp: 360700

Ion Ratio Lower Upper

162 100

164 64.2 44.1 84.1

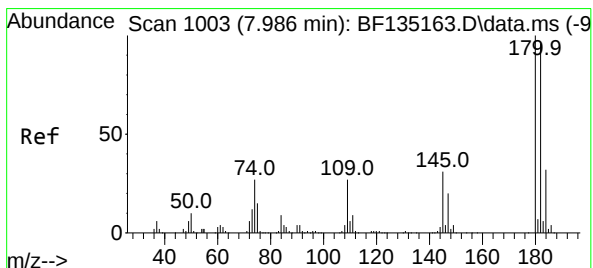
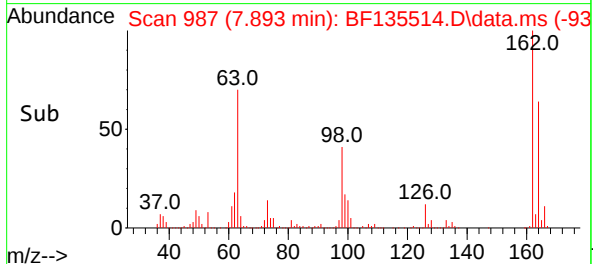
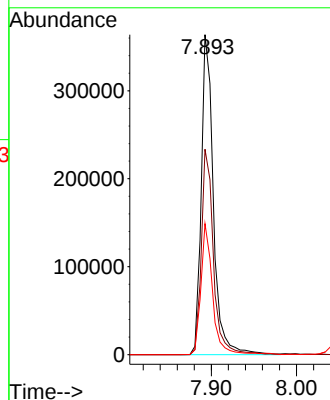
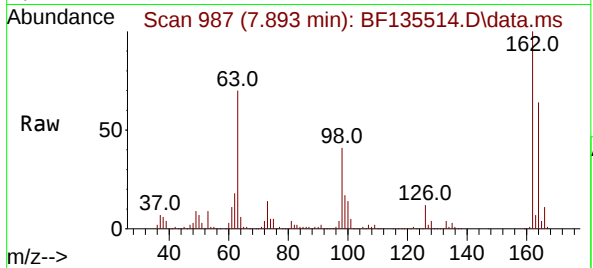
98 41.0 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.189 ng

RT: 7.969 min Scan# 1000

Delta R.T. 0.000 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

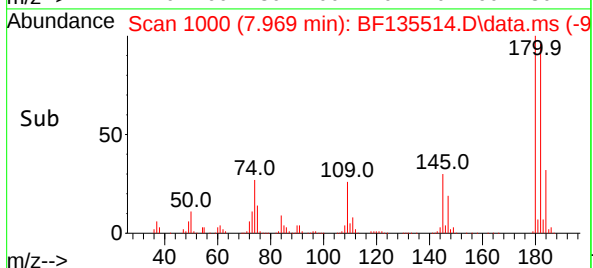
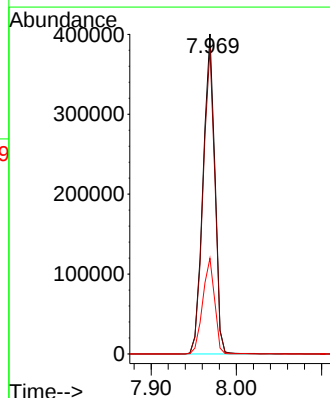
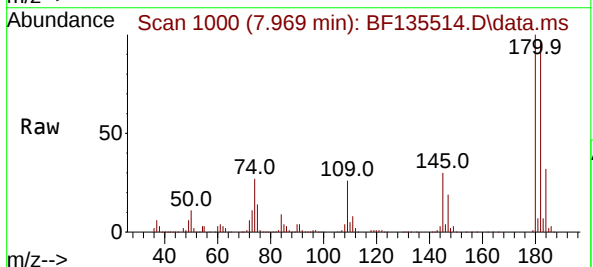
Tgt Ion:180 Resp: 385073

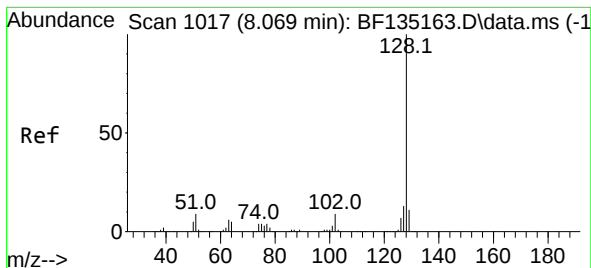
Ion Ratio Lower Upper

180 100

182 95.6 76.9 115.3

145 29.9 24.5 36.7





#31

Naphthalene

Concen: 47.181 ng

RT: 8.045 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

Tgt Ion:128 Resp: 128868

Ion Ratio Lower Upper

128 100

129 11.4 8.7 13.1

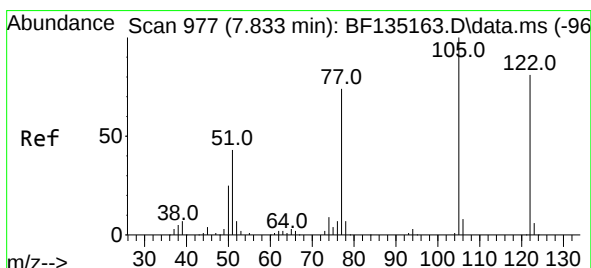
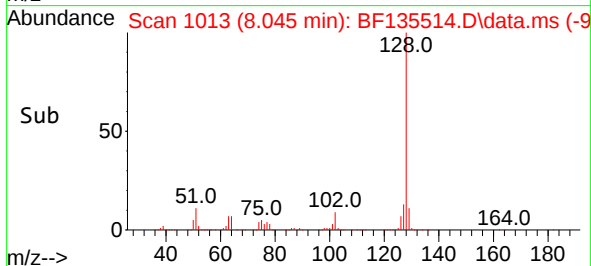
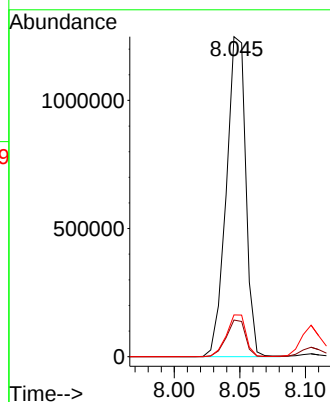
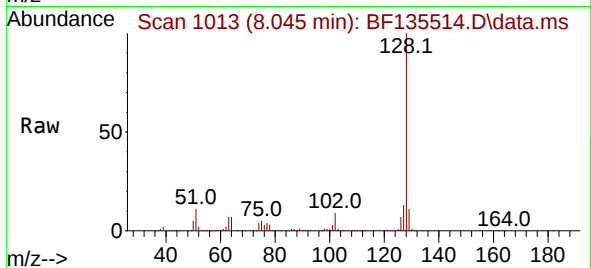
127 13.1 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#32

Benzoic acid

Concen: 38.263 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.012 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

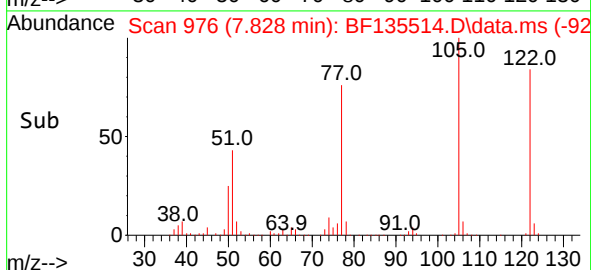
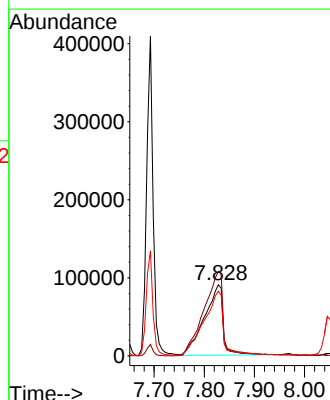
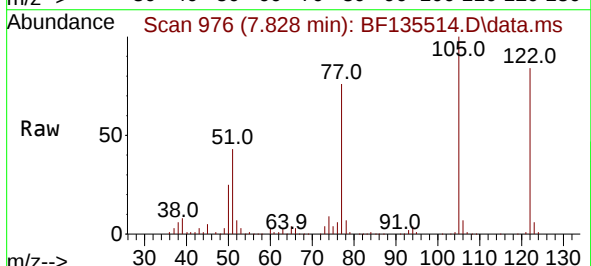
Tgt Ion:122 Resp: 237718

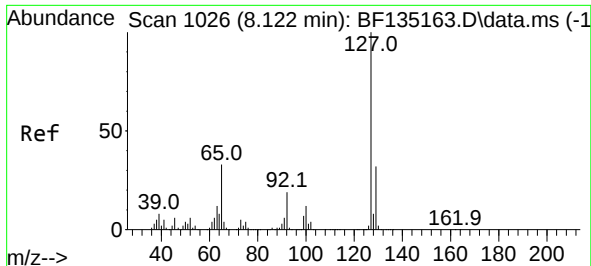
Ion Ratio Lower Upper

122 100

105 118.8 99.9 139.9

77 90.7 70.0 110.0





#33
4-Chloroaniline
Concen: 13.783 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

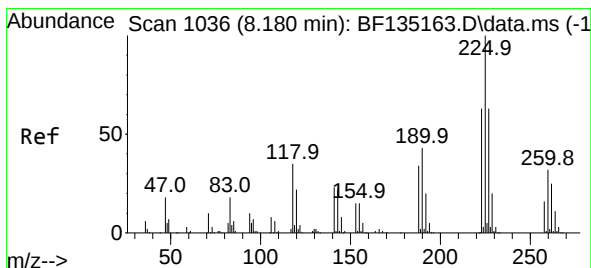
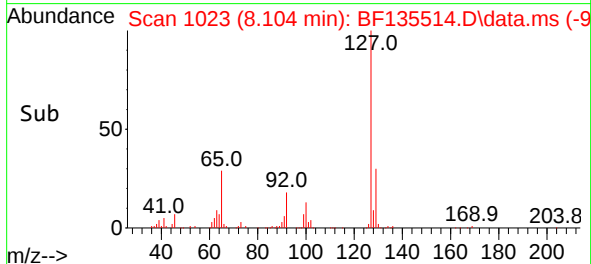
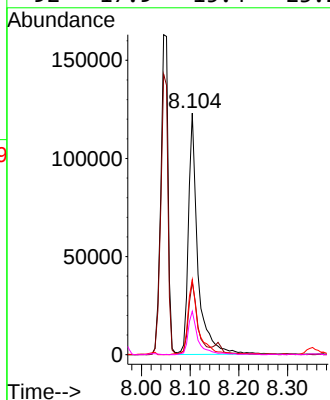
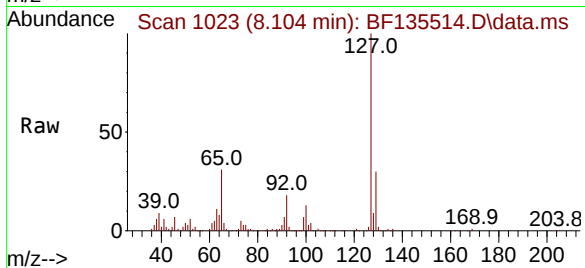
STONE-INMS

Tgt Ion:127 Resp: 16517
Ion Ratio Lower Upper
127 100
129 30.2 25.8 38.8
65 31.1 26.6 39.8
92 17.9 15.4 23.2

Manual Integrations

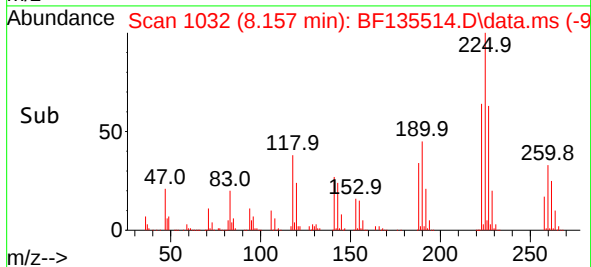
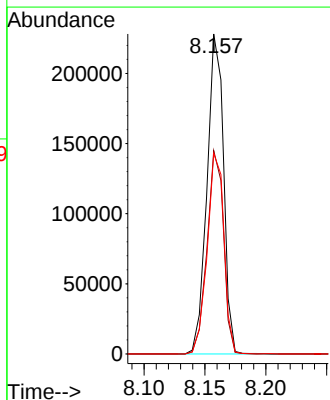
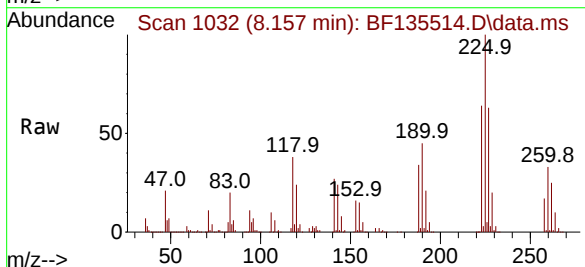
APPROVED

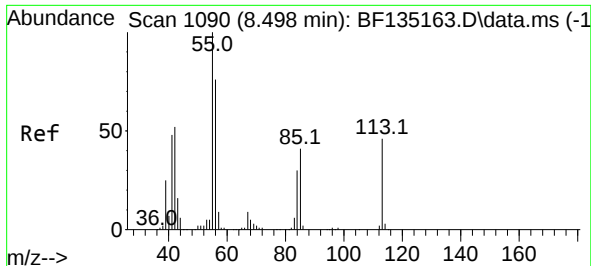
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#34
Hexachlorobutadiene
Concen: 44.528 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

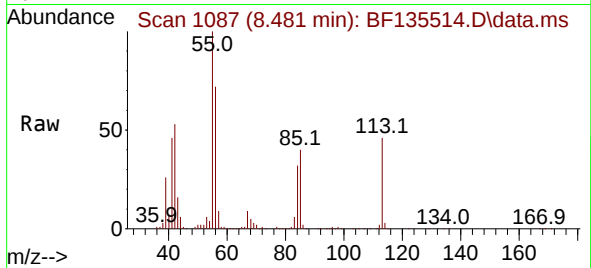
Tgt Ion:225 Resp: 214552
Ion Ratio Lower Upper
225 100
223 63.5 50.6 75.8
227 62.6 50.8 76.2





#35
 Caprolactam
 Concen: 37.092 ng m
 RT: 8.481 min Scan# 1090
 Delta R.T. -0.012 min
 Lab File: BF135514.D
 Acq: 29 Sep 2023 14:09

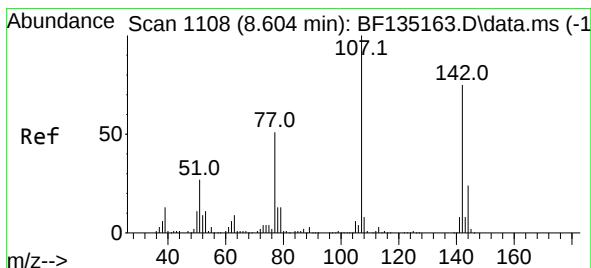
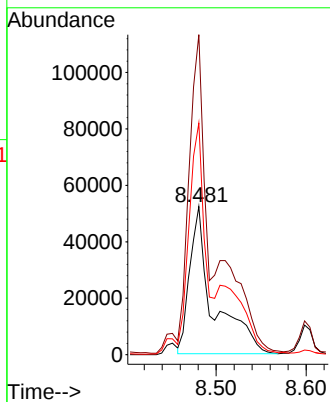
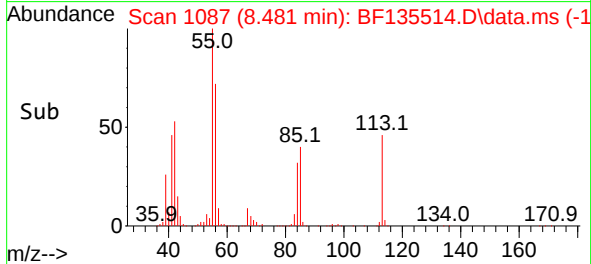
Instrument :
 BNA_F
 ClientSampleId :
 STONE-INMS



Tgt Ion:113 Resp: 9517
 Ion Ratio Lower Upper
 113 100
 55 215.9 199.3 239.3
 56 156.3 146.3 186.3

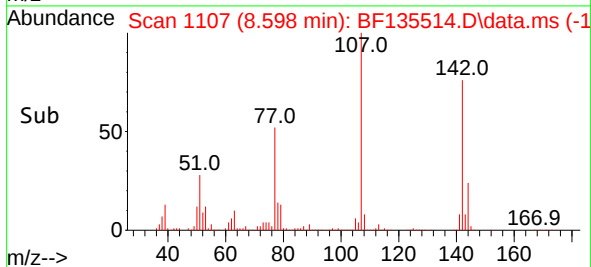
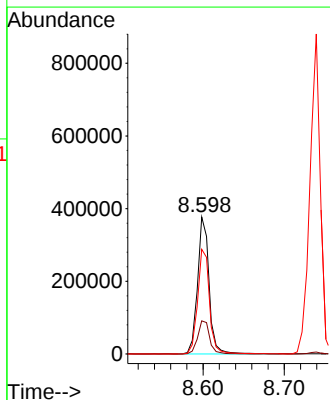
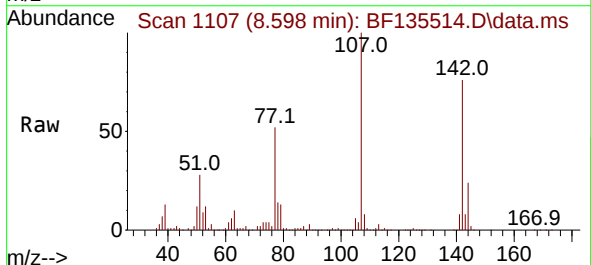
Manual Integrations
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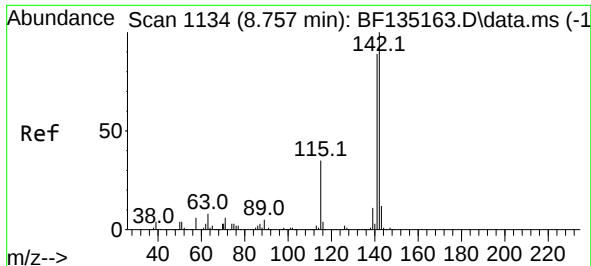
Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :mohammad ahmed 10/03/2023



#36
 4-Chloro-3-methylphenol
 Concen: 44.069 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF135514.D
 Acq: 29 Sep 2023 14:09

Tgt Ion:107 Resp: 374456
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.0 28.4
 142 76.4 60.2 90.2





#37

2-Methylnaphthalene

Concen: 42.954 ng

RT: 8.739 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

Tgt Ion:142 Resp: 788639

Ion Ratio Lower Upper

142 100

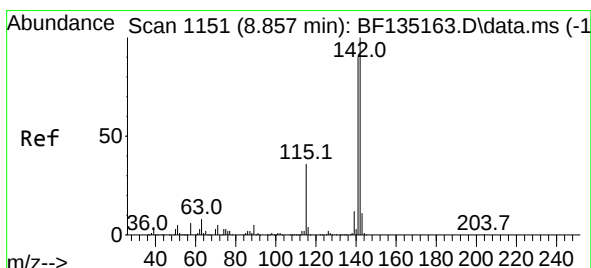
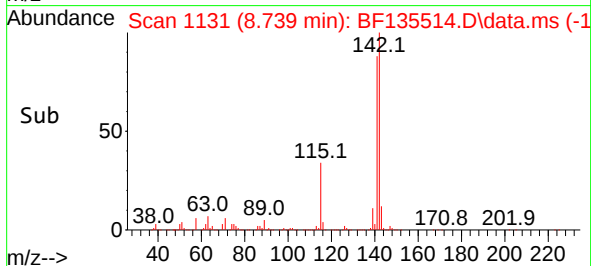
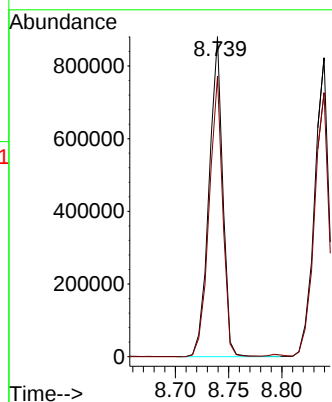
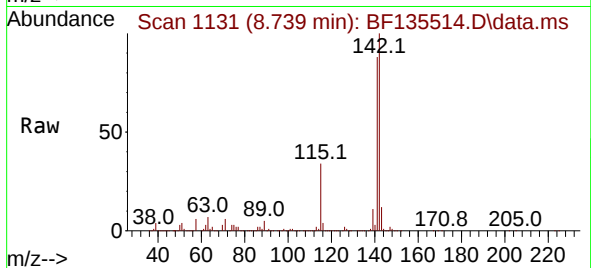
141 87.6 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#38

1-Methylnaphthalene

Concen: 44.224 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.000 min

Lab File: BF135514.D

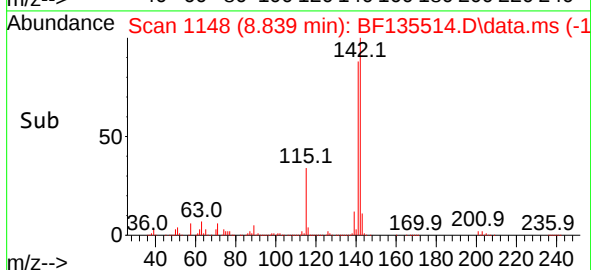
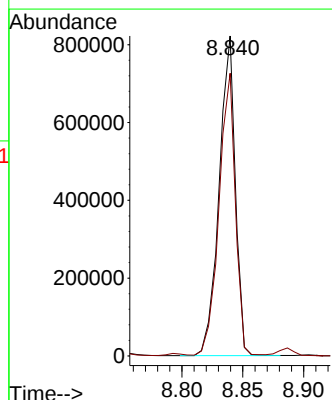
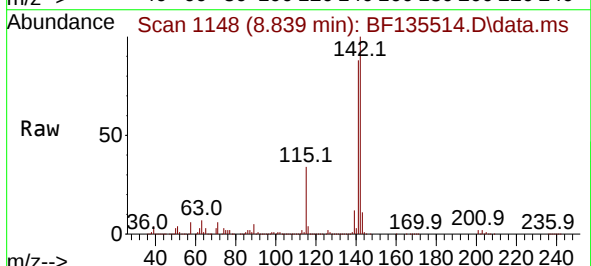
Acq: 29 Sep 2023 14:09

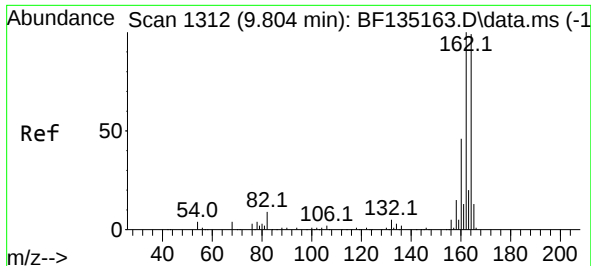
Tgt Ion:142 Resp: 760189

Ion Ratio Lower Upper

142 100

141 88.4 72.4 108.6





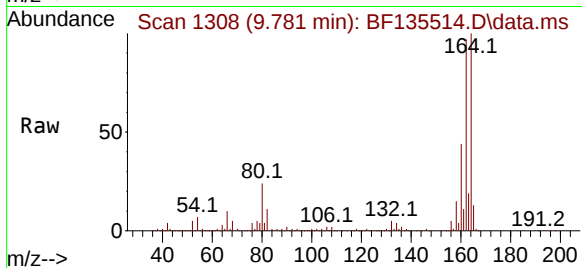
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

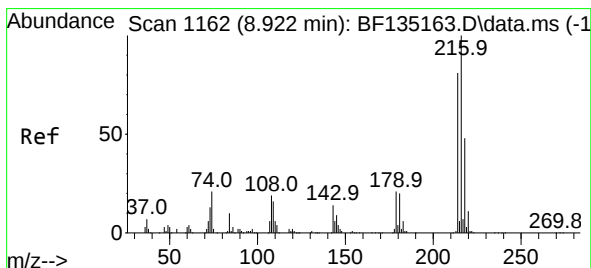
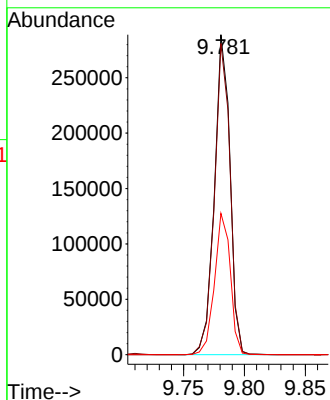
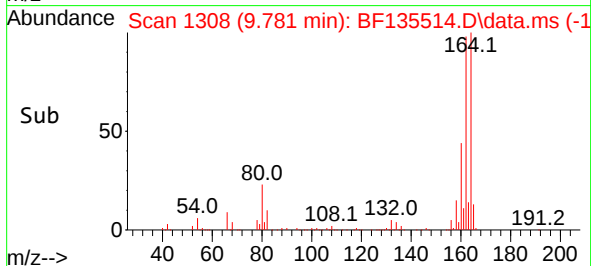
STONE-INMS



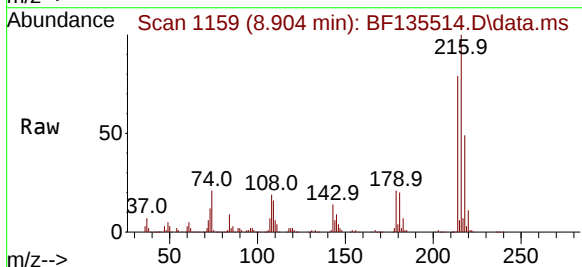
Tgt Ion:164 Resp: 257862
Ion Ratio Lower Upper
164 100
162 97.3 81.0 121.4
160 44.2 37.0 55.4

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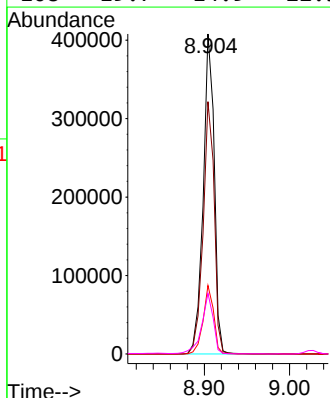
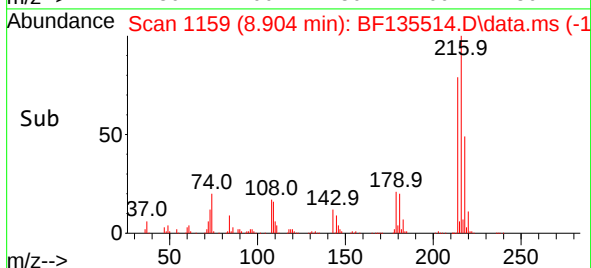
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

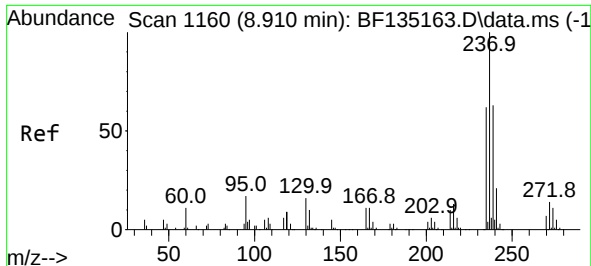


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.058 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09



Tgt Ion:216 Resp: 366488
Ion Ratio Lower Upper
216 100
214 79.2 63.7 95.5
179 20.5 16.7 25.1
108 19.7 14.9 22.3





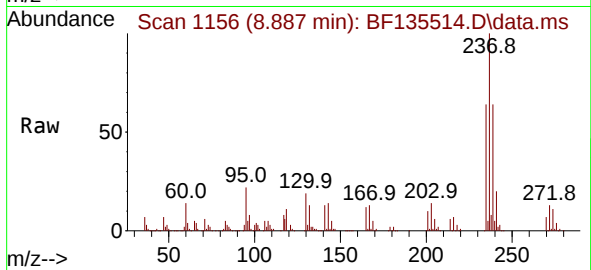
#41
Hexachlorocyclopentadiene
Concen: 43.538 ng
RT: 8.887 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

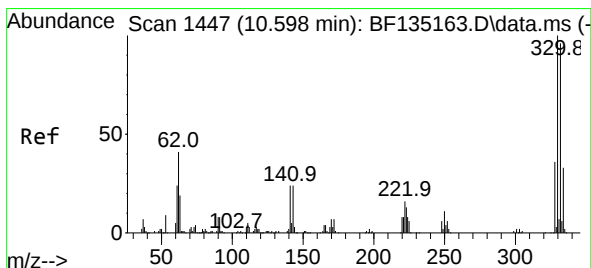
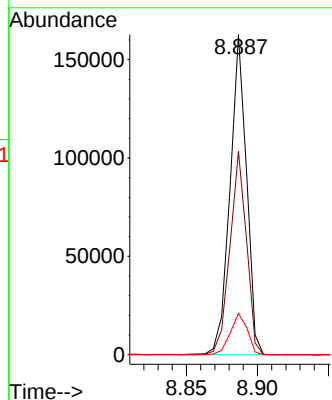
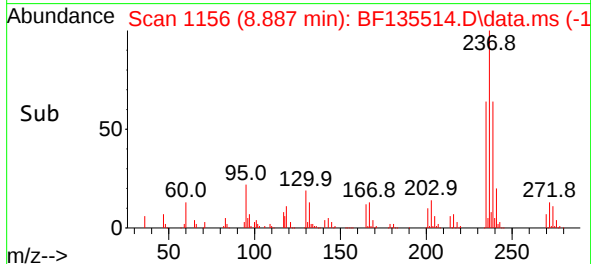


Tgt Ion: 237 Resp: 13111
Ion Ratio Lower Upper
237 100
235 63.5 41.8 81.8
272 12.9 0.0 33.6

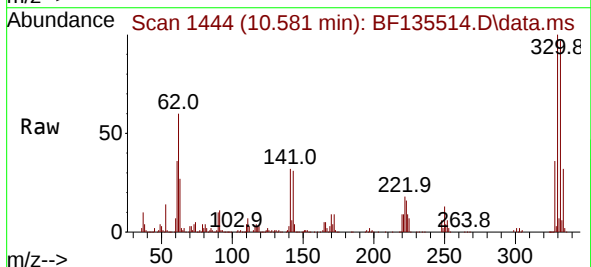
Manual Integrations

APPROVED

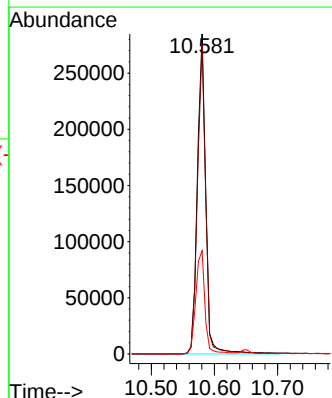
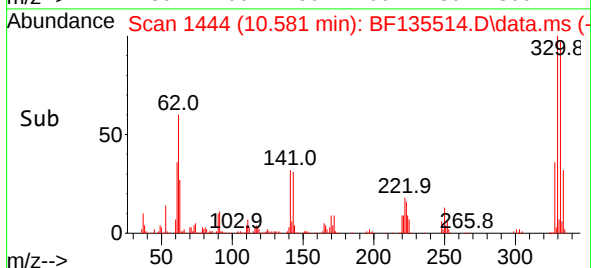
Reviewed By : Yogesh Patel 10/02/2023
Supervised By : mohammad ahmed 10/03/2023

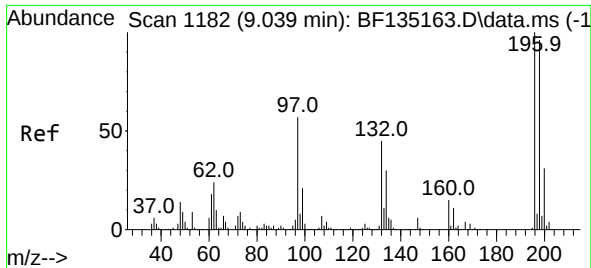


#42
2,4,6-Tribromophenol
Concen: 102.506 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09



Tgt Ion: 330 Resp: 262673
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 35.4 25.8 38.8





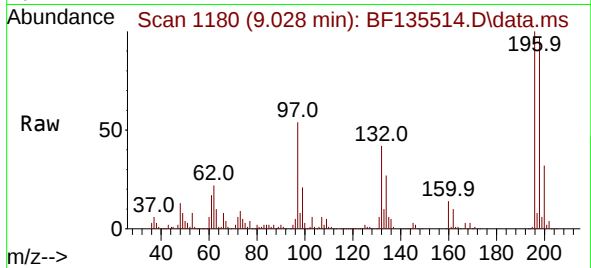
#43
2,4,6-Trichlorophenol
Concen: 48.446 ng
RT: 9.028 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

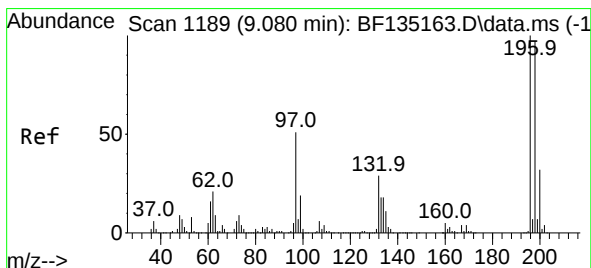
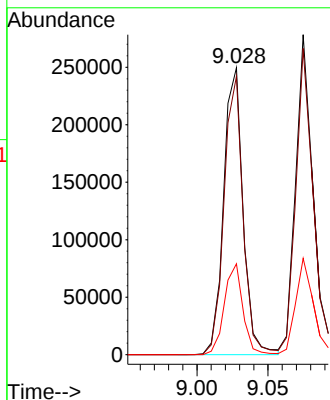
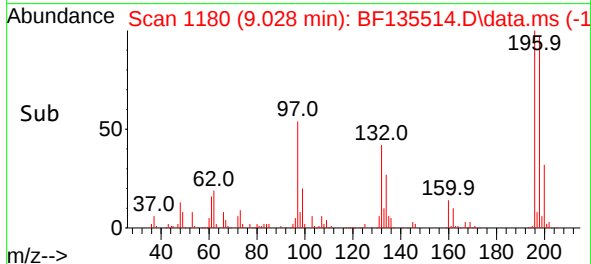


Tgt Ion:196 Resp: 236959
Ion Ratio Lower Upper
196 100
198 97.0 77.0 115.6
200 31.7 24.5 36.7

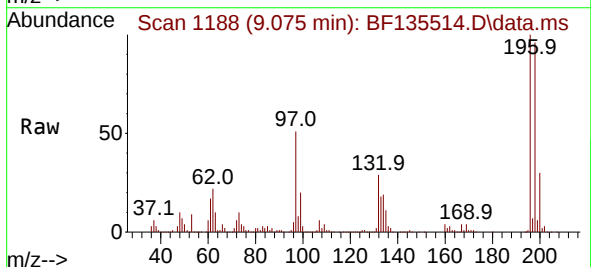
Manual Integrations

APPROVED

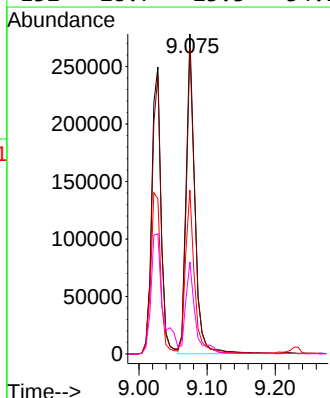
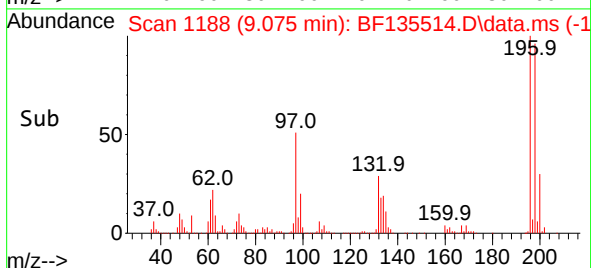
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

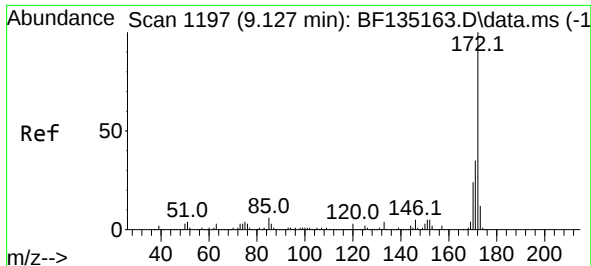


#44
2,4,5-Trichlorophenol
Concen: 43.626 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09



Tgt Ion:196 Resp: 245739
Ion Ratio Lower Upper
196 100
198 95.7 77.5 116.3
97 51.3 40.5 60.7
132 28.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 88.034 ng

RT: 9.104 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

Tgt Ion:172 Resp: 1504629

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

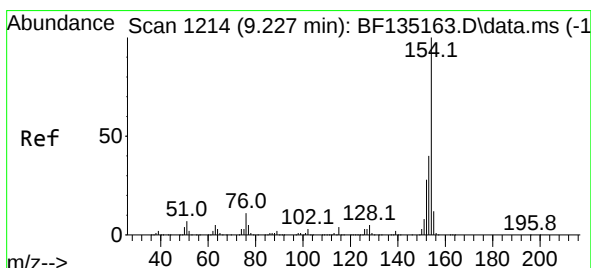
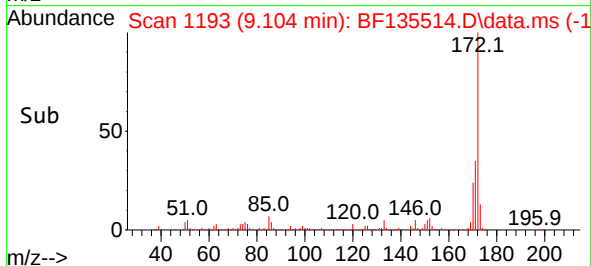
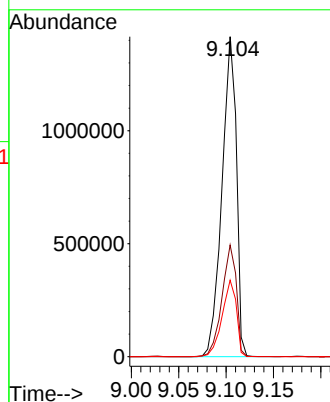
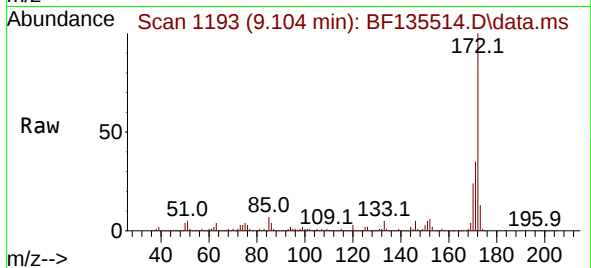
170 23.9 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#46

1,1'-Biphenyl

Concen: 49.168 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

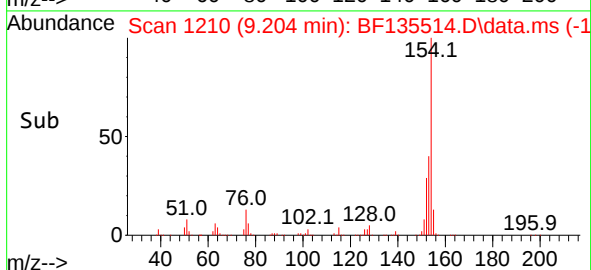
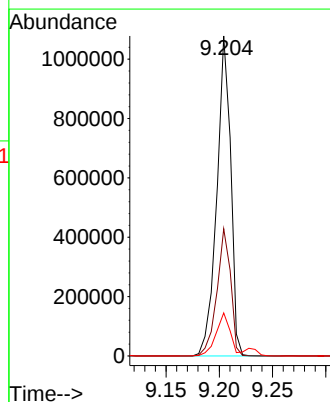
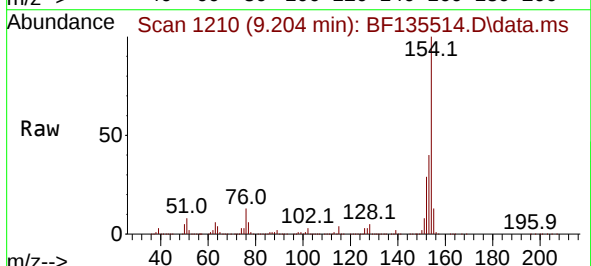
Tgt Ion:154 Resp: 974325

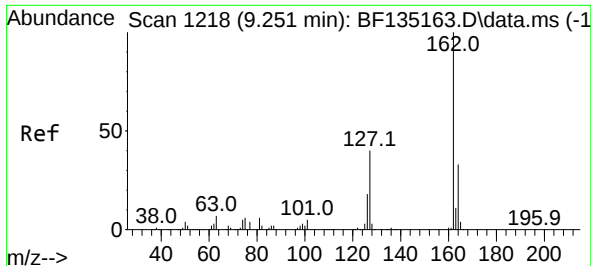
Ion Ratio Lower Upper

154 100

153 39.7 19.6 59.6

76 13.5 0.0 31.0





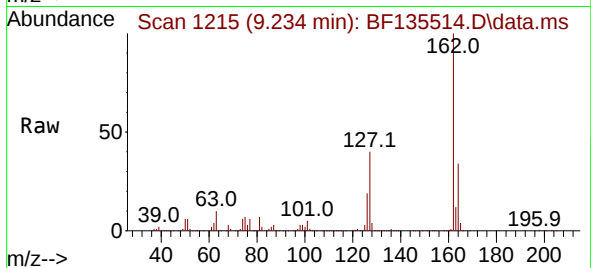
#47
2-Chloronaphthalene
Concen: 50.545 ng
RT: 9.234 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

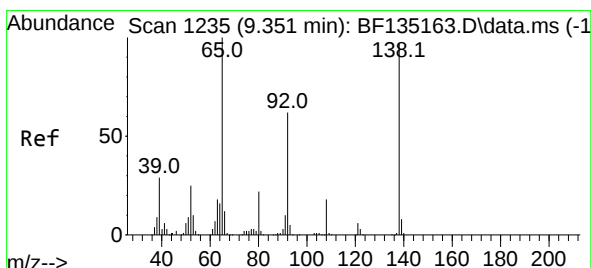
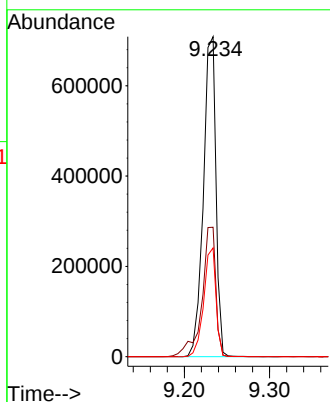
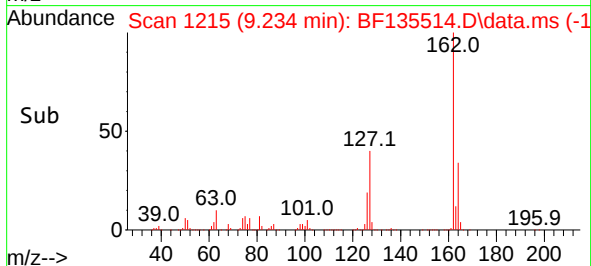


Tgt Ion:162 Resp: 72673
Ion Ratio Lower Upper
162 100
127 40.5 32.6 48.8
164 34.0 26.2 39.2

Manual Integrations

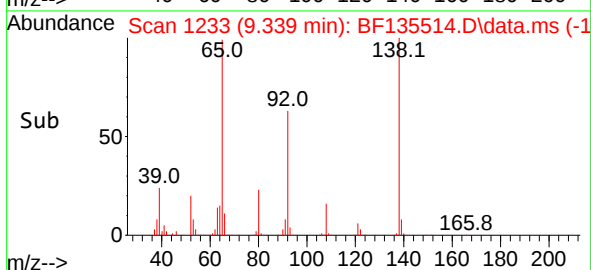
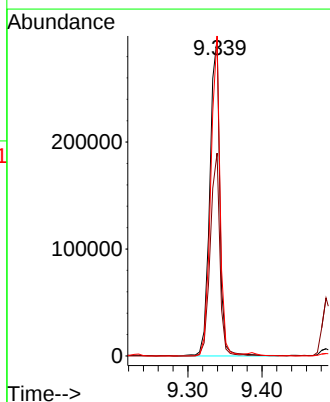
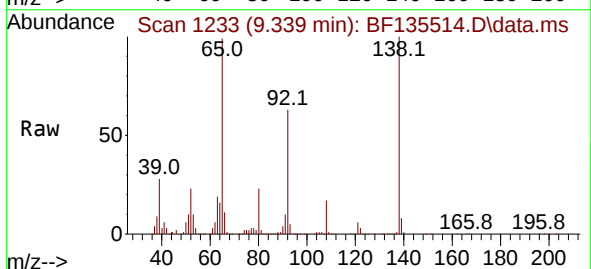
APPROVED

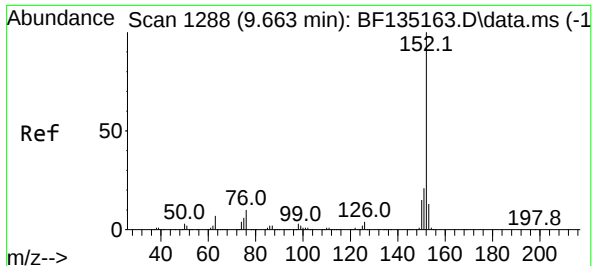
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#48
2-Nitroaniline
Concen: 49.615 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Tgt Ion: 65 Resp: 277138
Ion Ratio Lower Upper
65 100
92 64.0 49.4 74.0
138 100.9 77.4 116.0





#49

Acenaphthylene

Concen: 48.219 ng

RT: 9.645 min Scan# 1152198

Delta R.T. -0.006 min

Lab File: BF135514.D

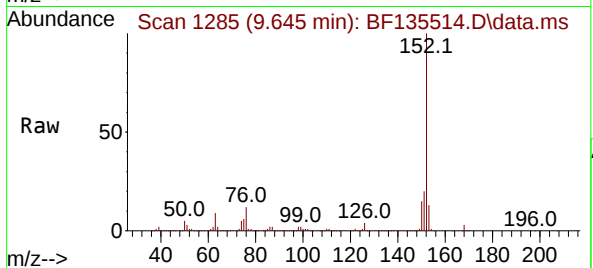
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS



Tgt Ion:152 Resp: 1152198

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

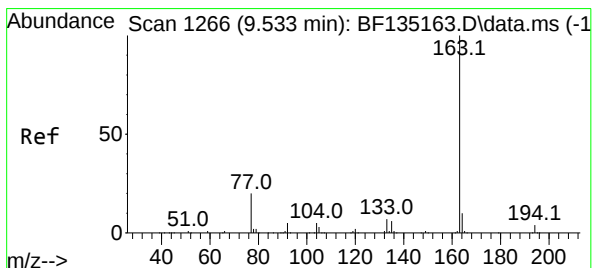
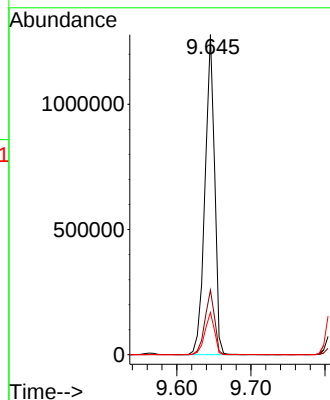
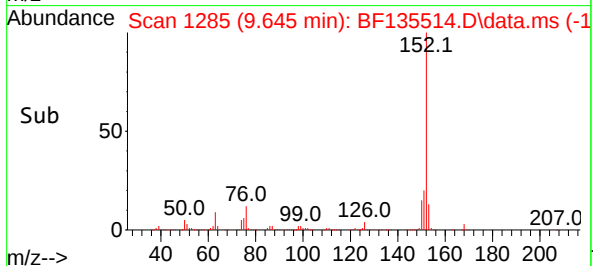
153 13.2 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#50

Dimethylphthalate

Concen: 47.450 ng

RT: 9.510 min Scan# 1262

Delta R.T. -0.006 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

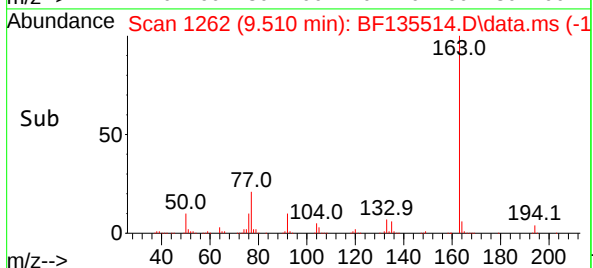
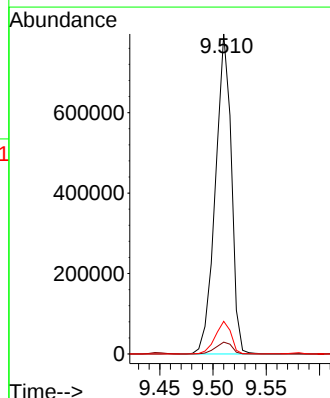
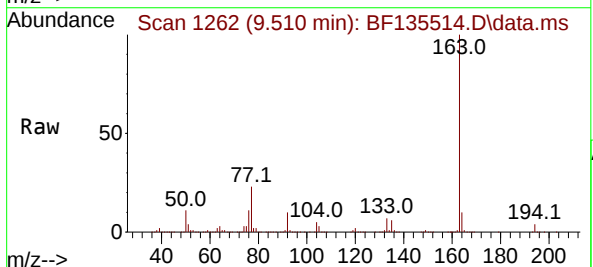
Tgt Ion:163 Resp: 827256

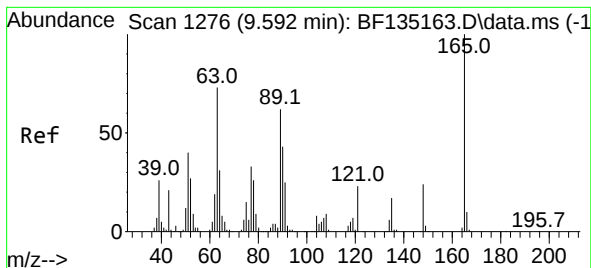
Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

164 10.2 8.1 12.1





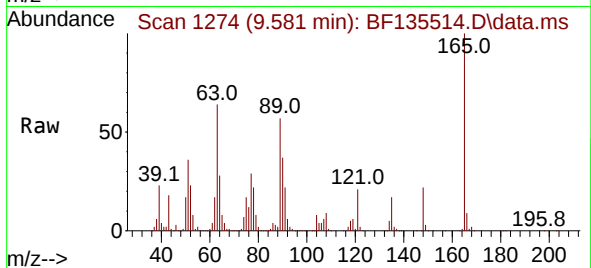
#51
2,6-Dinitrotoluene
Concen: 45.600 ng
RT: 9.581 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

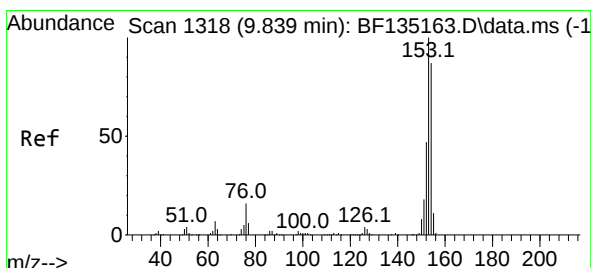
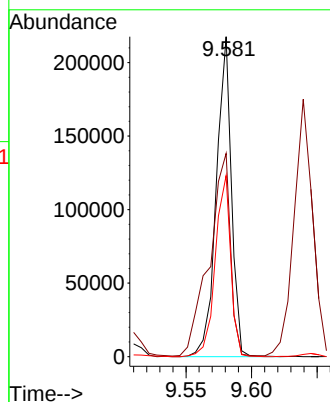
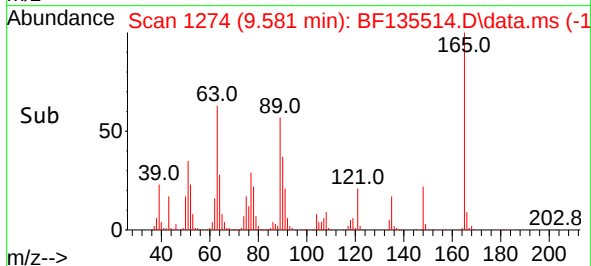


Tgt Ion:165 Resp: 174159
Ion Ratio Lower Upper
165 100
63 63.5 59.4 89.2
89 56.6 49.8 74.8

Manual Integrations

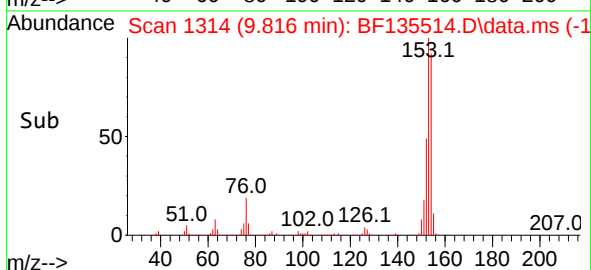
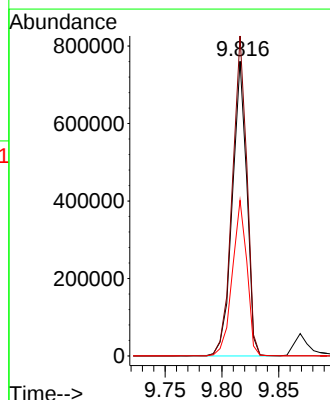
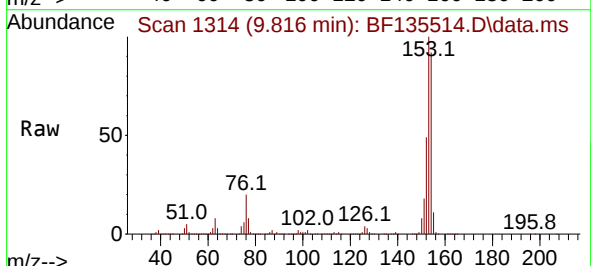
APPROVED

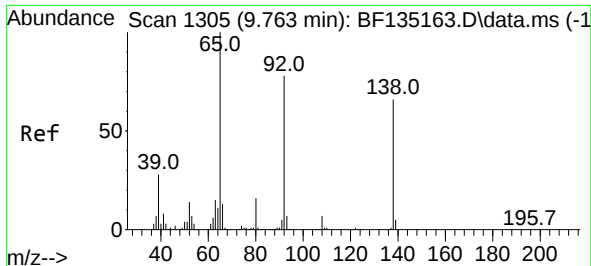
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#52
Acenaphthene
Concen: 47.570 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Tgt Ion:154 Resp: 671497
Ion Ratio Lower Upper
154 100
153 108.6 92.1 138.1
152 52.8 43.1 64.7





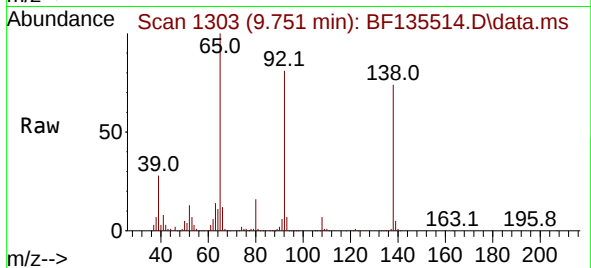
#53
3-Nitroaniline
Concen: 29.032 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

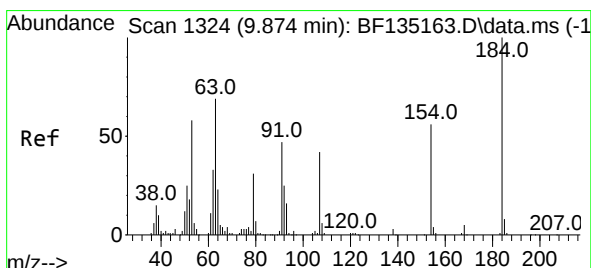
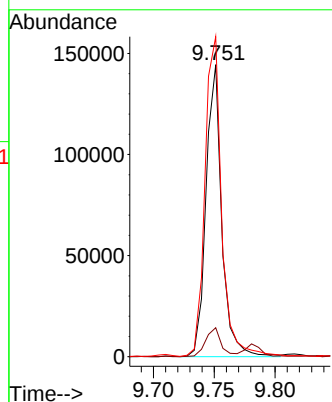
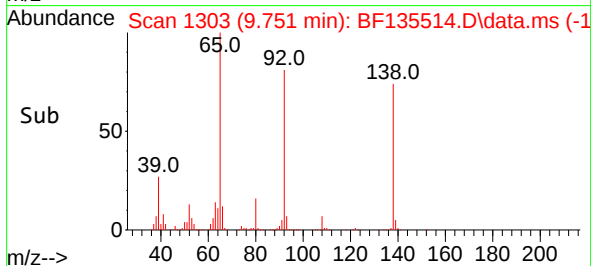


Tgt Ion:138 Resp: 13015
Ion Ratio Lower Upper
138 100
108 9.9 8.5 12.7
92 109.6 95.4 143.0

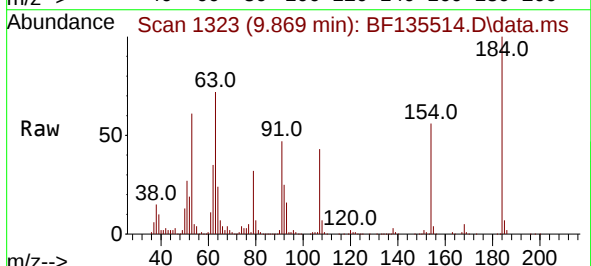
Manual Integrations

APPROVED

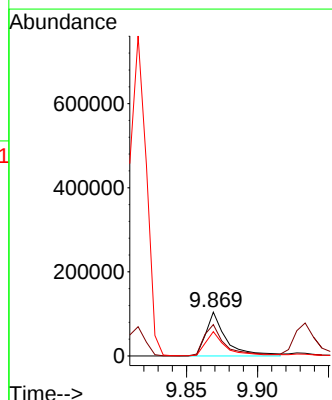
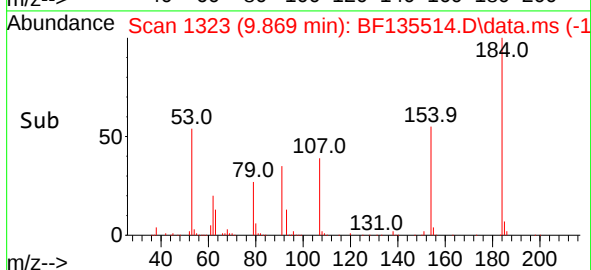
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

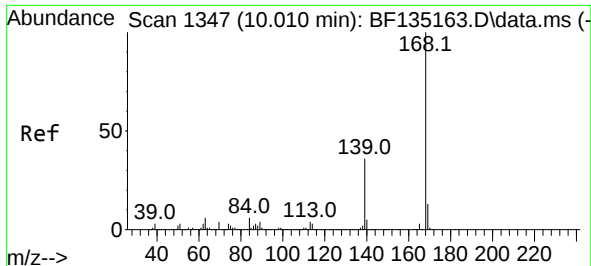


#54
2,4-Dinitrophenol
Concen: 49.927 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09



Tgt Ion:184 Resp: 102726
Ion Ratio Lower Upper
184 100
63 71.6 55.1 82.7
154 55.7 48.4 72.6





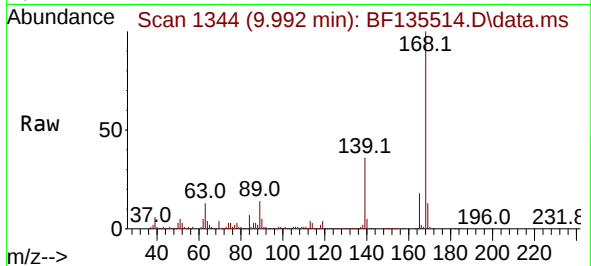
#55
Dibenzenofuran
Concen: 44.505 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

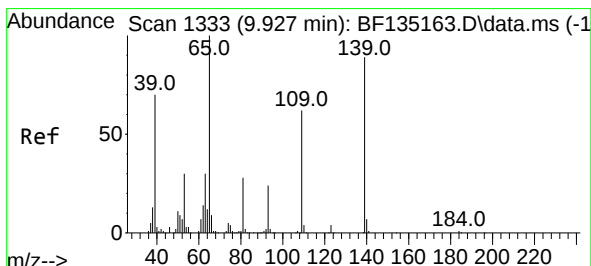
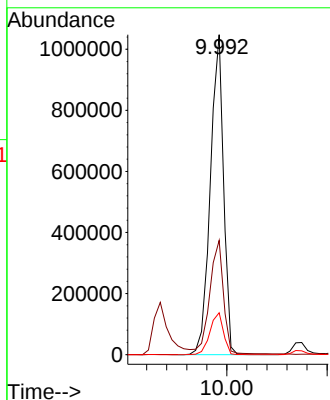
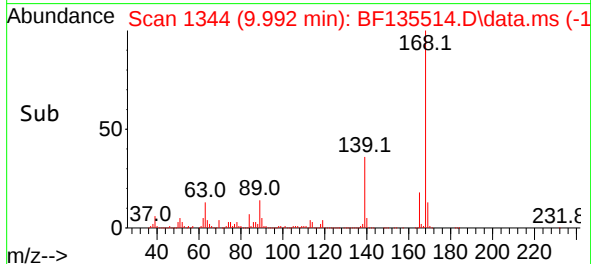


Tgt Ion:168 Resp: 95865
Ion Ratio Lower Upper
168 100
139 35.7 29.0 43.6
169 13.1 10.4 15.6

Manual Integrations

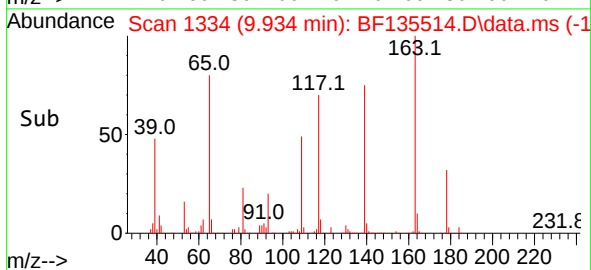
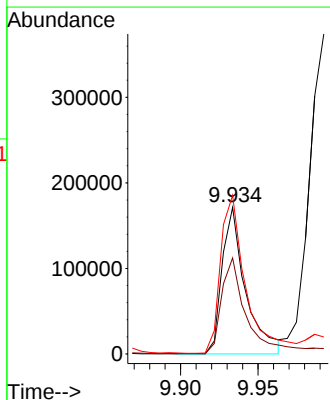
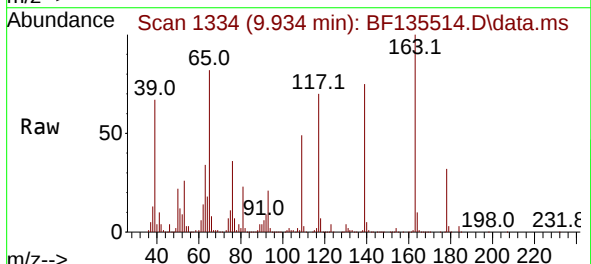
APPROVED

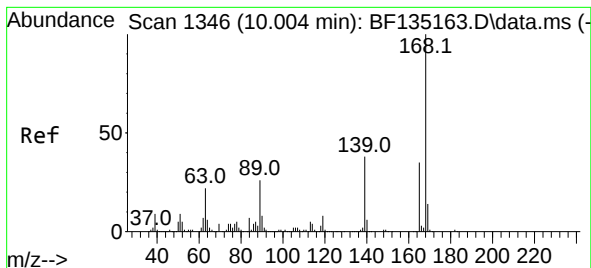
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#56
4-Nitrophenol
Concen: 63.336 ng
RT: 9.934 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Tgt Ion:139 Resp: 180461
Ion Ratio Lower Upper
139 100
109 65.5 49.8 89.8
65 108.3 92.7 132.7





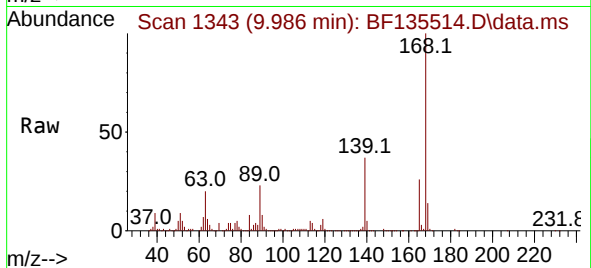
#57
2,4-Dinitrotoluene
Concen: 39.552 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

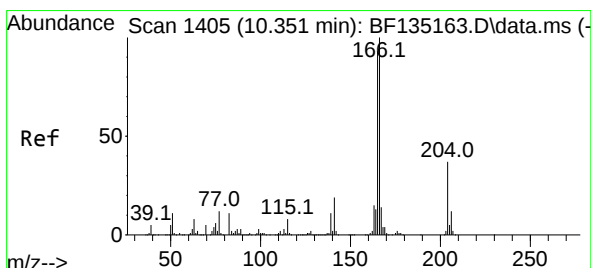
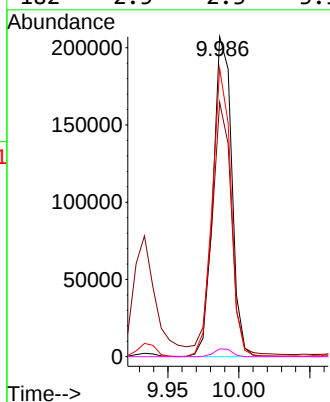
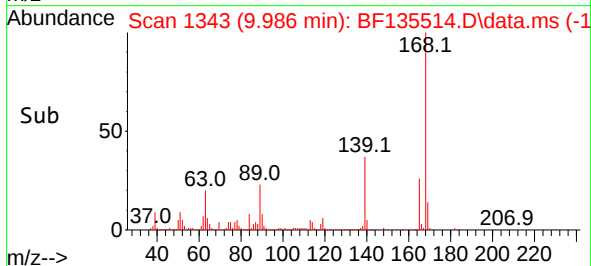


Tgt Ion:165 Resp: 18911
Ion Ratio Lower Upper
165 100
63 79.5 50.1 75.1
89 90.1 59.3 88.9
182 2.5 2.3 3.5

Manual Integrations

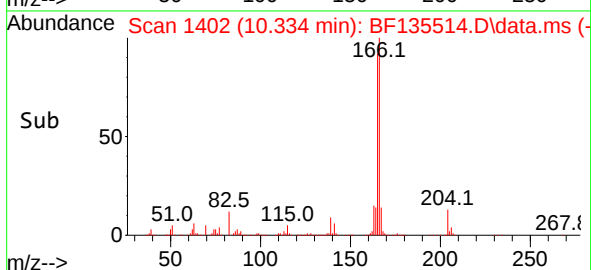
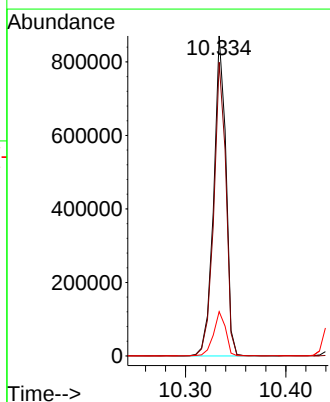
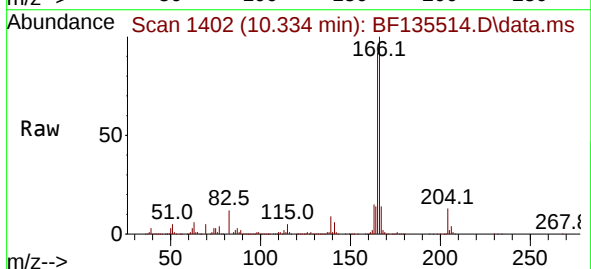
APPROVED

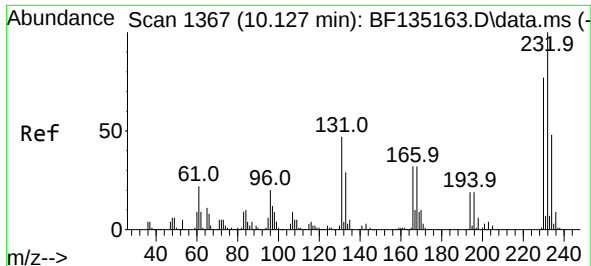
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#58
Fluorene
Concen: 44.460 ng
RT: 10.334 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

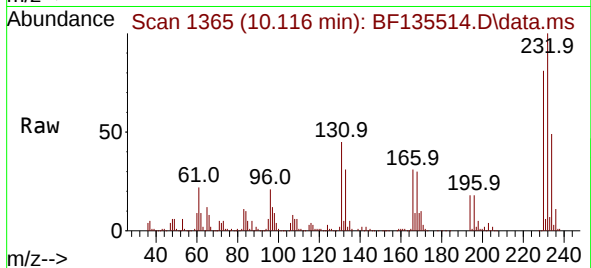
Tgt Ion:166 Resp: 736232
Ion Ratio Lower Upper
166 100
165 91.7 74.3 111.5
167 13.8 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.762 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

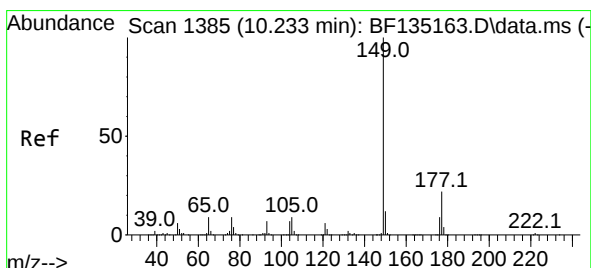
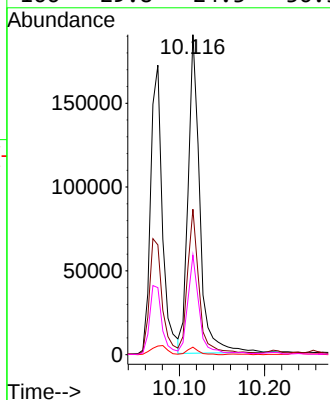
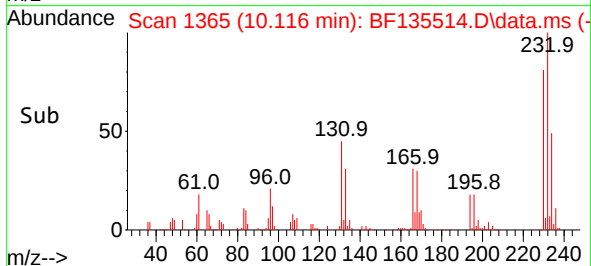
Instrument :
BNA_F
ClientSampleId :
STONE-INMS



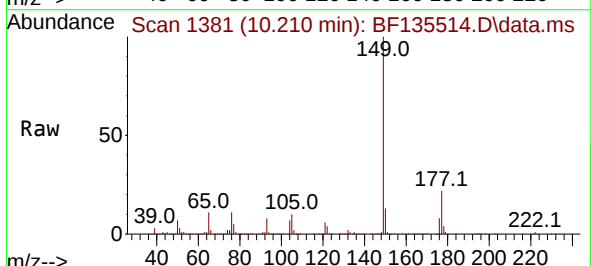
Tgt Ion:232 Resp: 180954
Ion Ratio Lower Upper
232 100
131 44.1 35.4 53.2
130 2.3 1.8 2.8
166 29.8 24.3 36.5

Manual Integrations
APPROVED

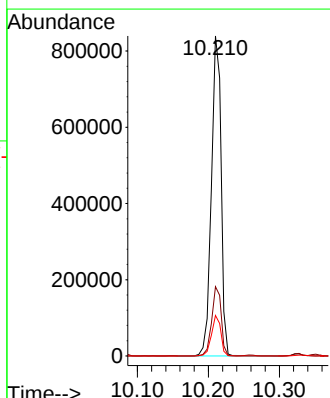
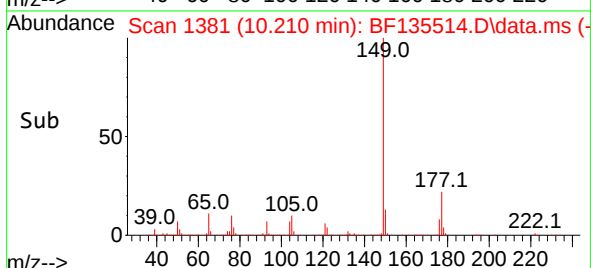
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

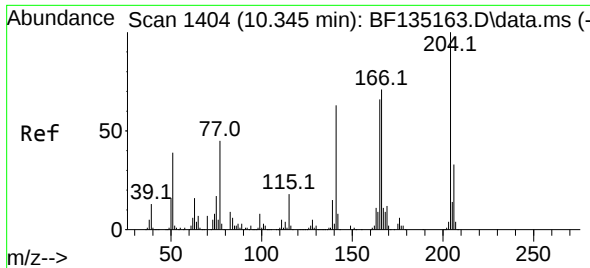


#60
Diethylphthalate
Concen: 45.547 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09



Tgt Ion:149 Resp: 796913
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.6
150 12.7 10.0 15.0





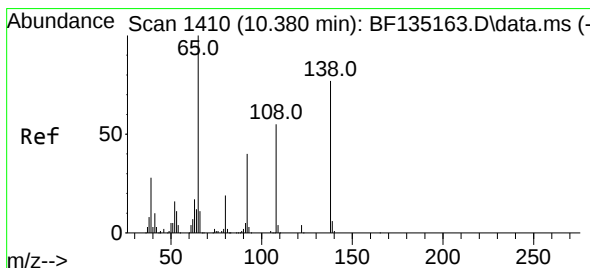
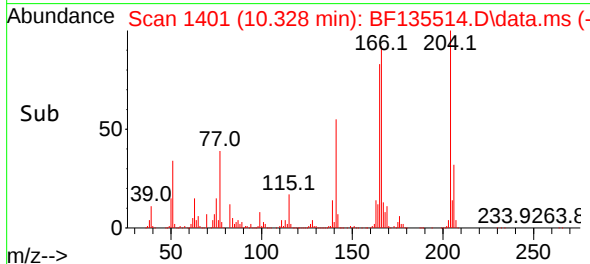
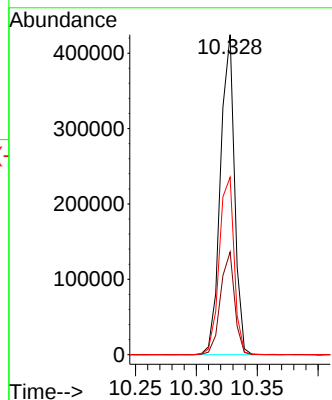
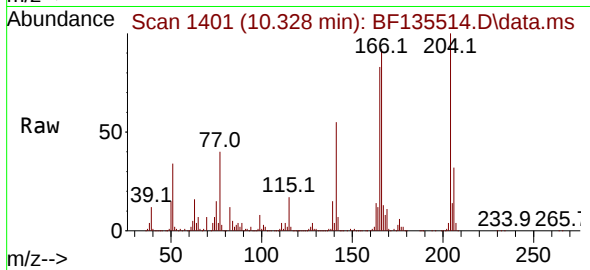
#61
4-Chlorophenyl-phenylether
Concen: 43.126 ng
RT: 10.328 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :
BNA_F
ClientSampleId :
STONE-INMS

Tgt Ion:204 Resp: 34305
Ion Ratio Lower Upper
204 100
206 32.1 26.7 40.1
141 55.5 50.6 75.8

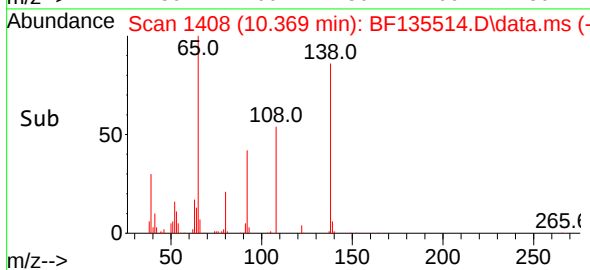
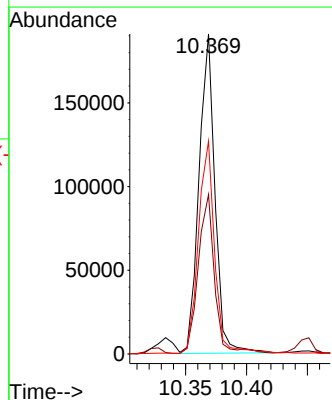
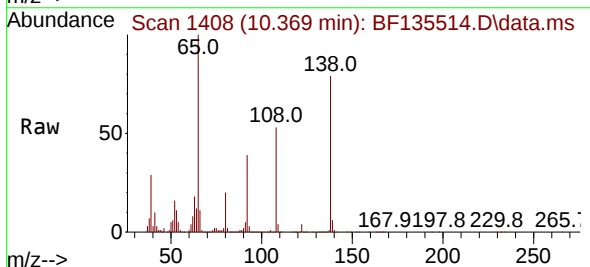
Manual Integrations
APPROVED

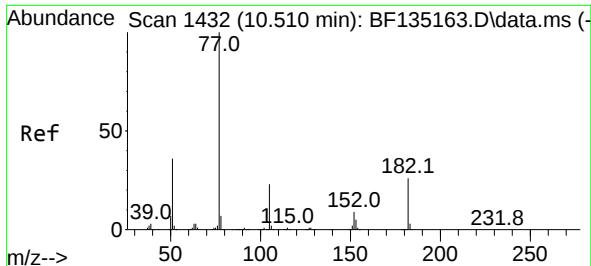
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#62
4-Nitroaniline
Concen: 40.186 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Tgt Ion:138 Resp: 173177
Ion Ratio Lower Upper
138 100
92 49.8 31.8 71.8
108 66.5 52.0 92.0





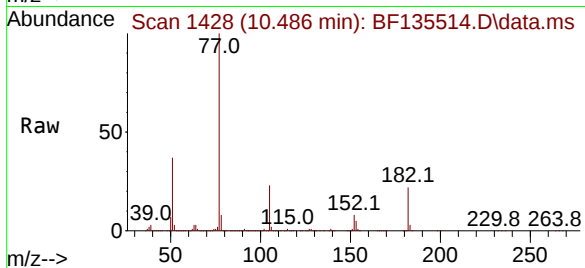
#63
Azobenzene
Concen: 47.688 ng
RT: 10.486 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

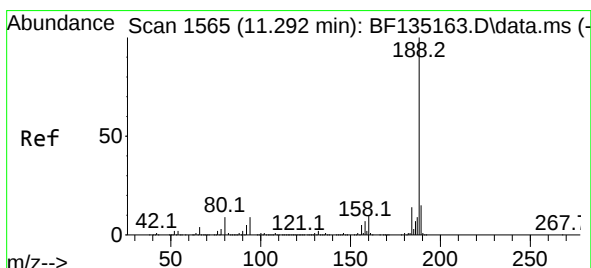
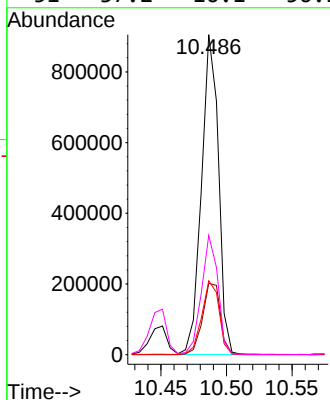
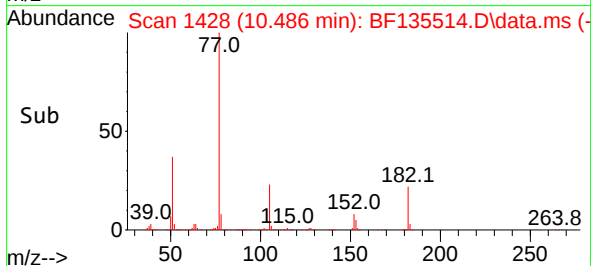


Tgt Ion: 77 Resp: 81660
Ion Ratio Lower Upper
77 100
182 22.3 6.4 46.4
105 23.1 3.1 43.1
51 37.2 16.1 56.1

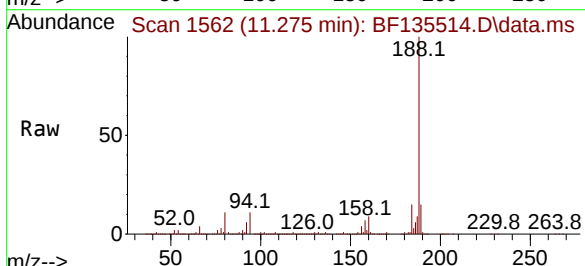
Manual Integrations

APPROVED

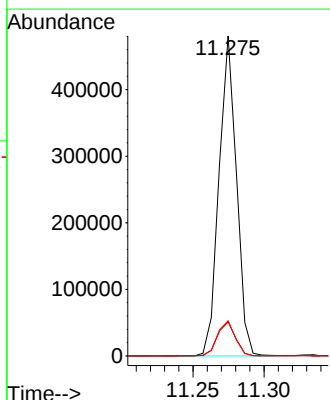
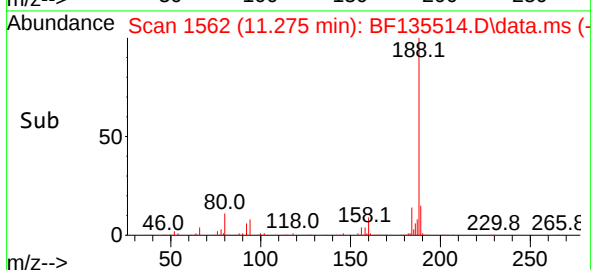
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

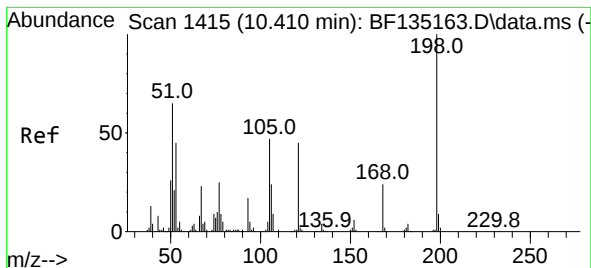


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09



Tgt Ion:188 Resp: 411269
Ion Ratio Lower Upper
188 100
94 10.7 7.0 10.6#
80 11.0 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 34.906 ng
RT: 10.404 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

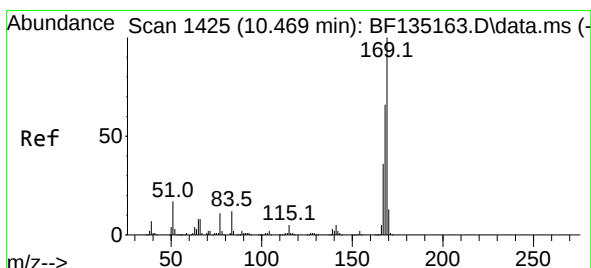
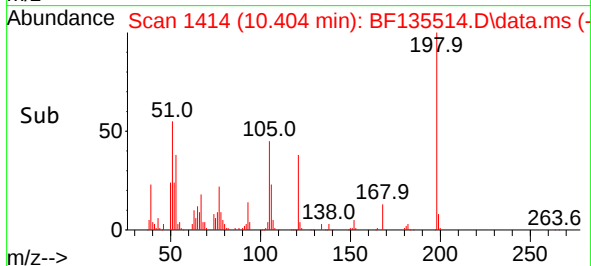
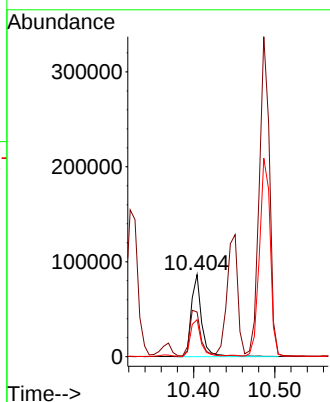
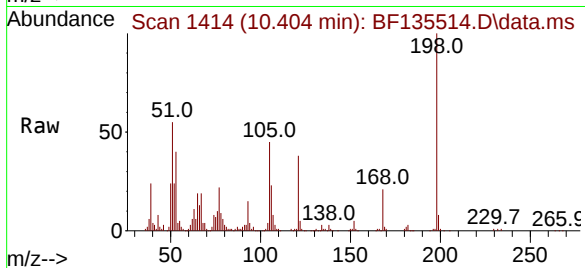
STONE-INMS

Tgt Ion:198 Resp: 7624
Ion Ratio Lower Upper
198 100
51 54.5 47.7 87.7
105 45.0 27.4 67.4

Manual Integrations

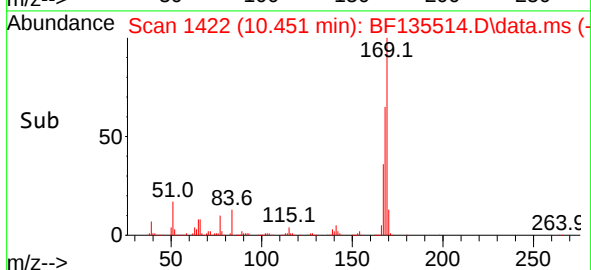
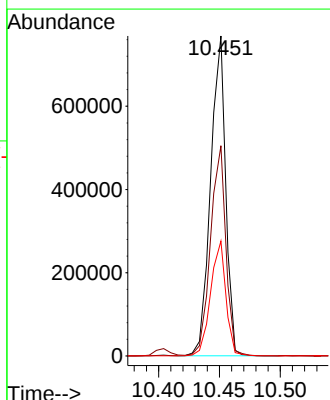
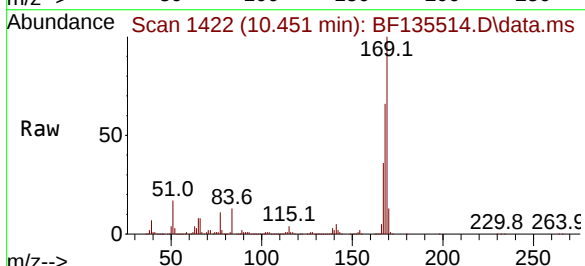
APPROVED

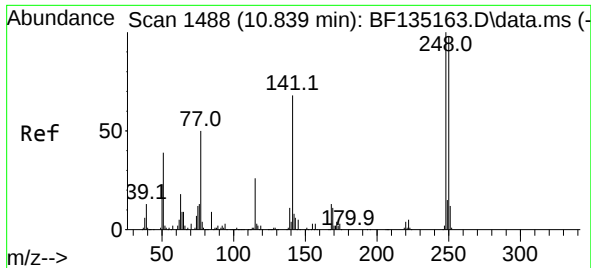
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#66
n-Nitrosodiphenylamine
Concen: 53.297 ng
RT: 10.451 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Tgt Ion:169 Resp: 663601
Ion Ratio Lower Upper
169 100
168 65.7 52.8 79.2
167 35.9 29.0 43.6





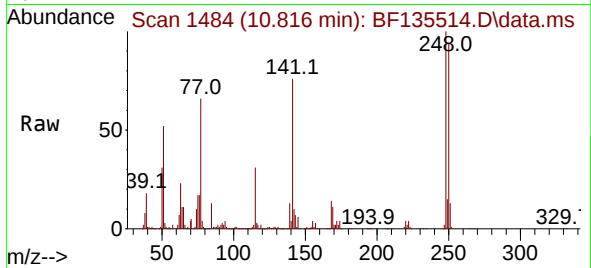
#67
4-Bromophenyl-phenylether
Concen: 51.321 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

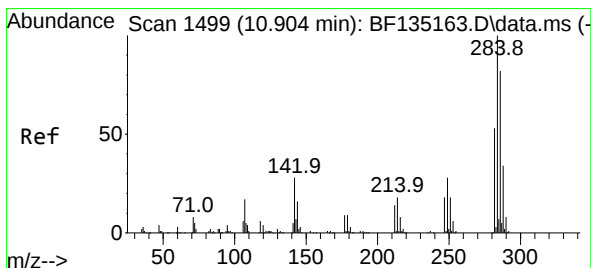
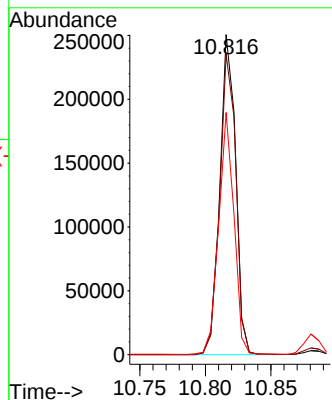
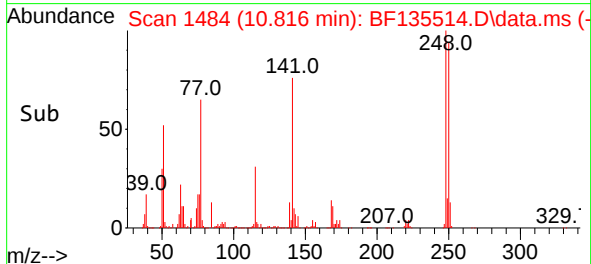


Tgt Ion:248 Resp: 209920
Ion Ratio Lower Upper
248 100
250 93.9 78.6 117.8
141 75.7 54.2 81.2

Manual Integrations

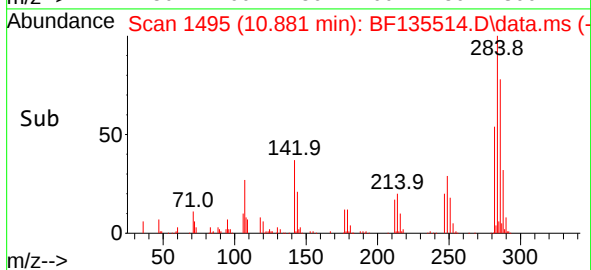
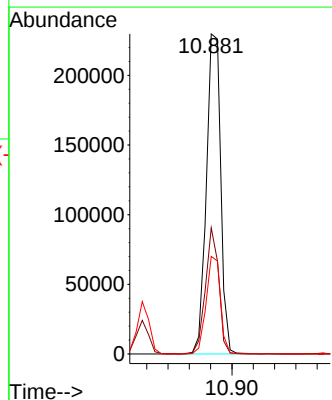
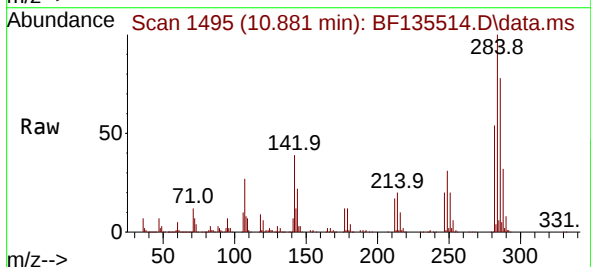
APPROVED

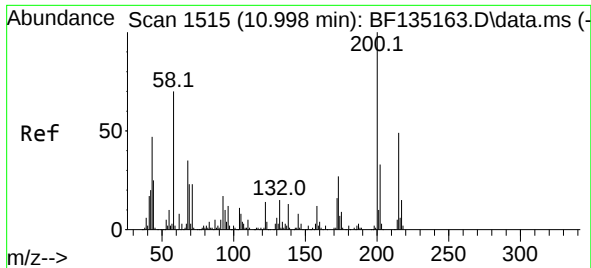
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#68
Hexachlorobenzene
Concen: 51.790 ng
RT: 10.881 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

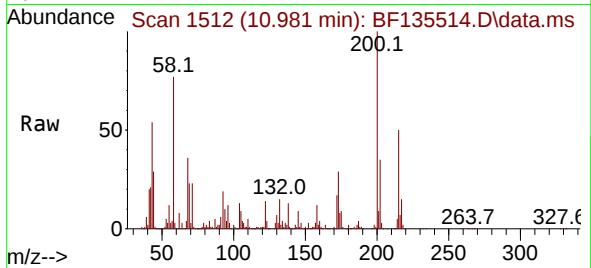
Tgt Ion:284 Resp: 215815
Ion Ratio Lower Upper
284 100
142 39.4 22.2 33.4#
249 30.5 22.5 33.7





#69
 Atrazine
 Concen: 54.976 ng
 RT: 10.981 min Scan# 1512
 Delta R.T. -0.006 min
 Lab File: BF135514.D
 Acq: 29 Sep 2023 14:09

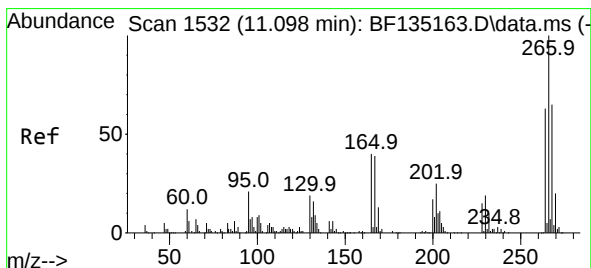
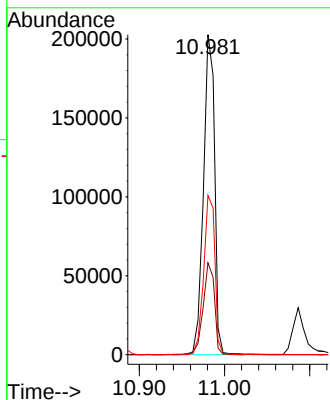
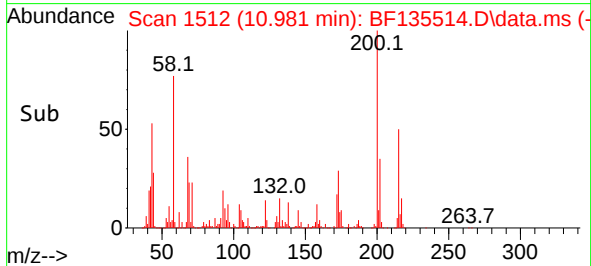
Instrument :
 BNA_F
 ClientSampleId :
 STONE-INMS



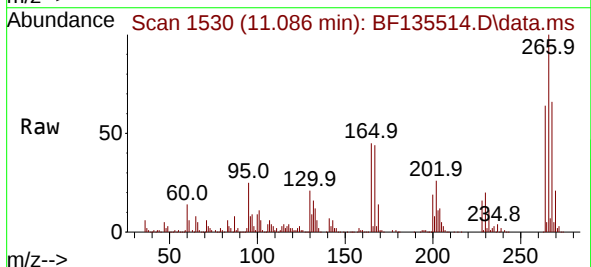
Tgt Ion:200 Resp: 18418
 Ion Ratio Lower Upper
 200 100
 173 28.7 7.4 47.4
 215 49.7 28.6 68.6

Manual Integrations
 APPROVED

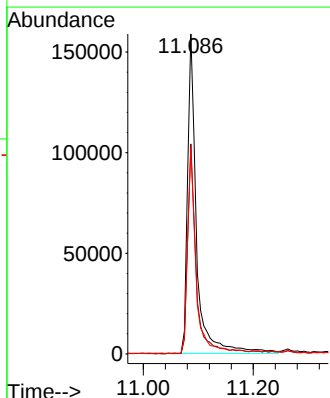
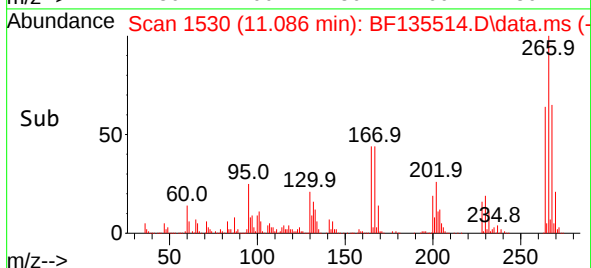
Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :mohammad ahmed 10/03/2023

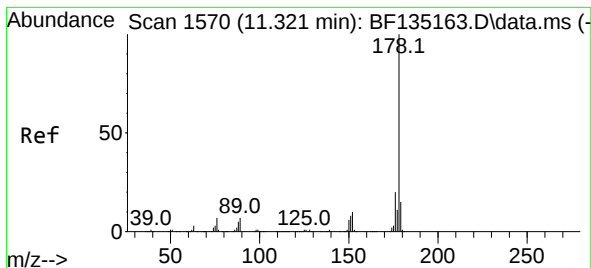


#70
 Pentachlorophenol
 Concen: 72.475 ng
 RT: 11.086 min Scan# 1530
 Delta R.T. 0.000 min
 Lab File: BF135514.D
 Acq: 29 Sep 2023 14:09



Tgt Ion:266 Resp: 180696
 Ion Ratio Lower Upper
 266 100
 268 65.7 52.1 78.1
 264 64.4 50.8 76.2





#71

Phenanthrene

Concen: 50.350 ng

RT: 11.298 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

Tgt Ion:178 Resp: 979380

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

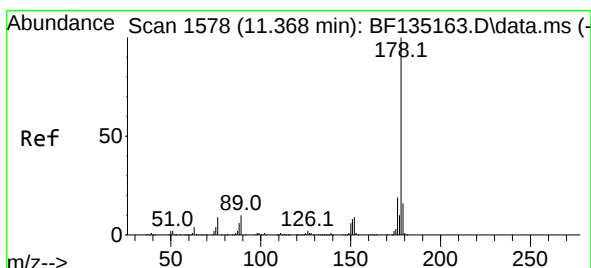
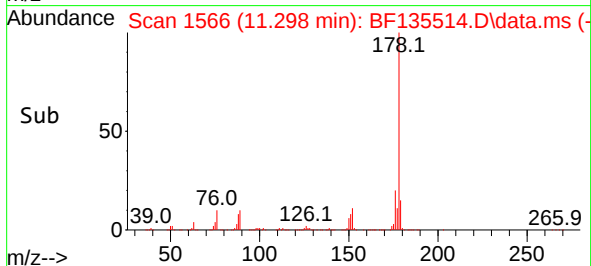
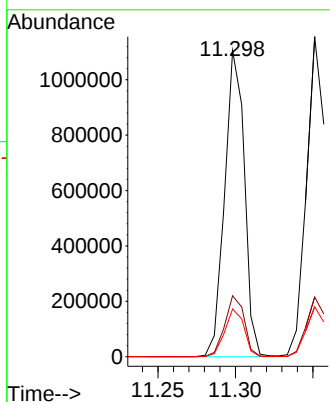
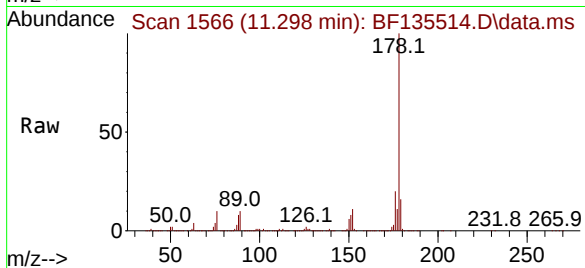
179 15.5 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#72

Anthracene

Concen: 49.821 ng

RT: 11.351 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

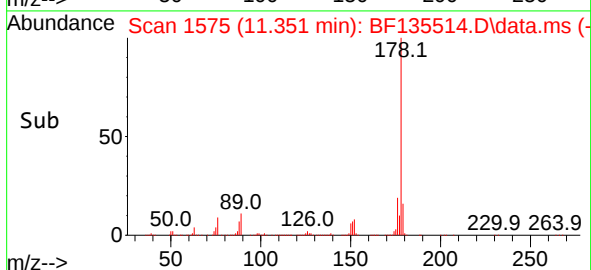
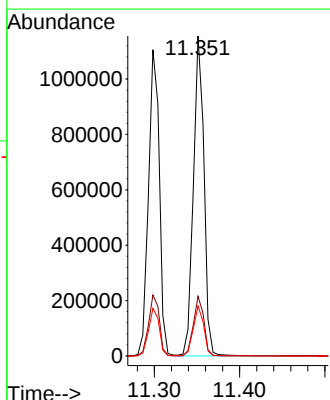
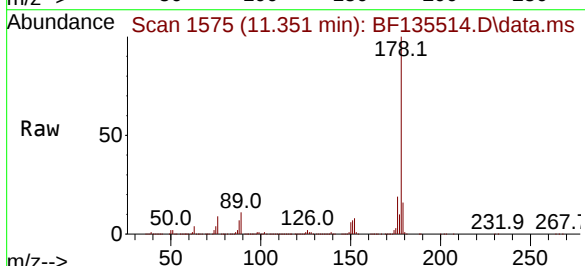
Tgt Ion:178 Resp: 996110

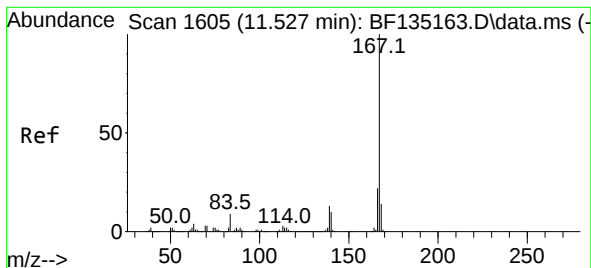
Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

179 15.6 12.6 19.0





#73

Carbazole

Concen: 50.131 ng

RT: 11.516 min Scan# 1603

Delta R.T. 0.000 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

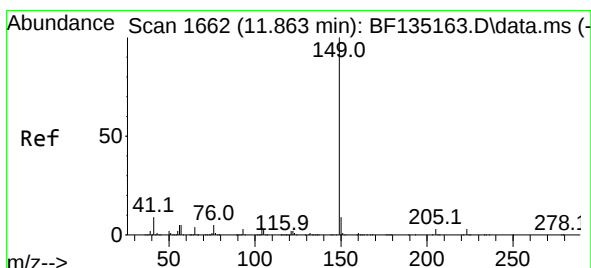
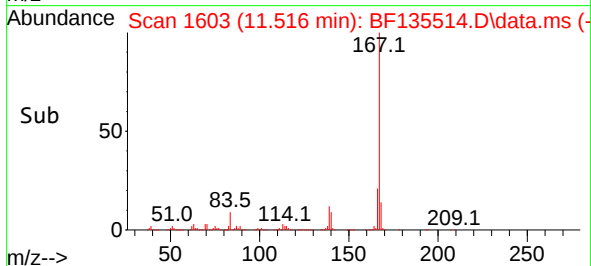
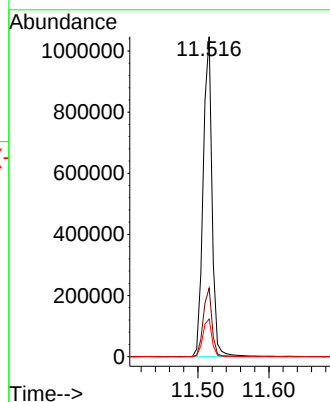
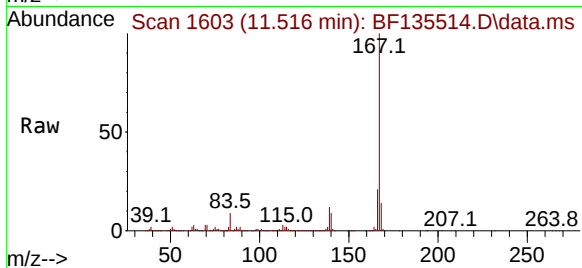
Tgt Ion:167 Resp: 912423
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 11.8 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#74

Di-n-butylphthalate

Concen: 53.912 ng

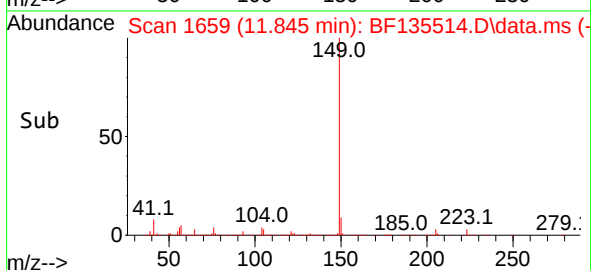
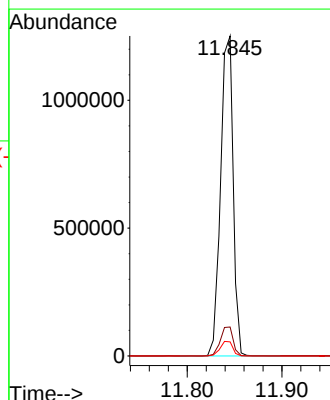
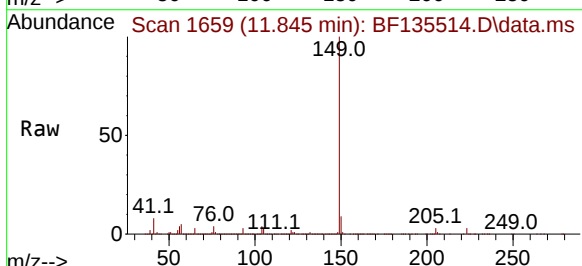
RT: 11.845 min Scan# 1659

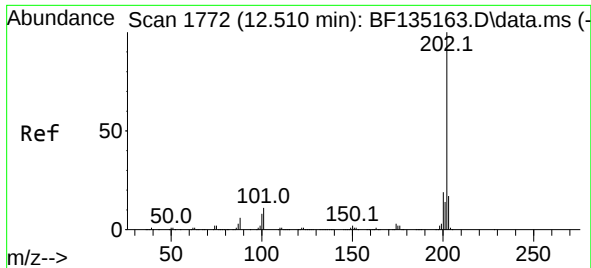
Delta R.T. 0.000 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

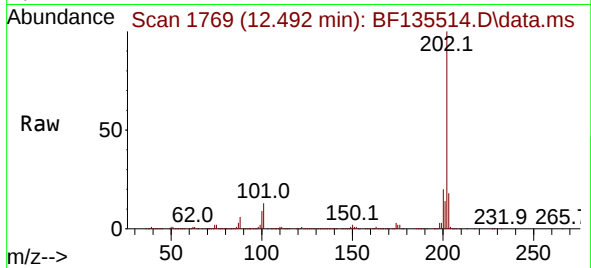
Tgt Ion:149 Resp: 1156246
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 48.927 ng
RT: 12.492 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

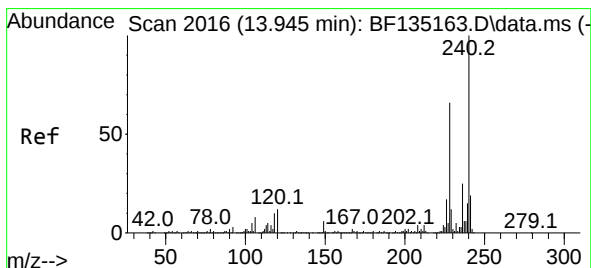
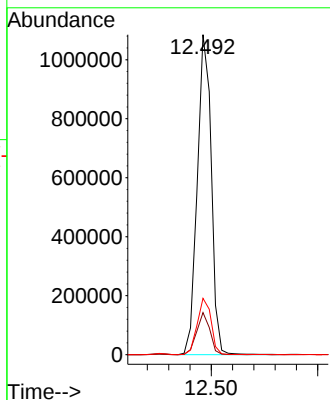
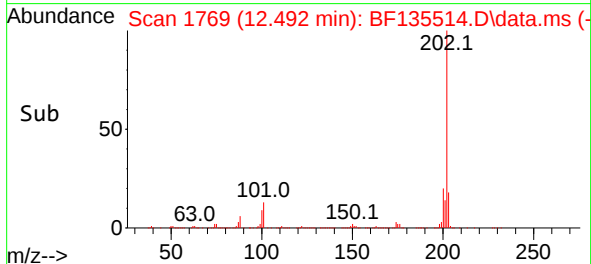
Instrument :
BNA_F
ClientSampleId :
STONE-INMS



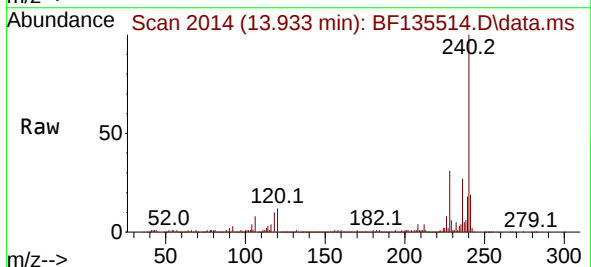
Tgt Ion:202 Resp: 991649
Ion Ratio Lower Upper
202 100
101 13.2 0.0 31.3
203 17.6 0.0 37.4

Manual Integrations
APPROVED

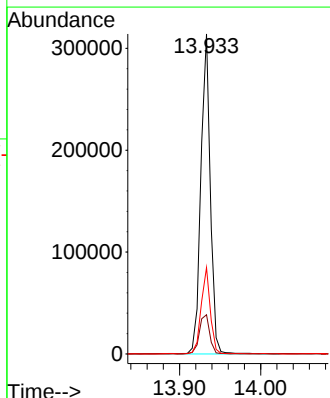
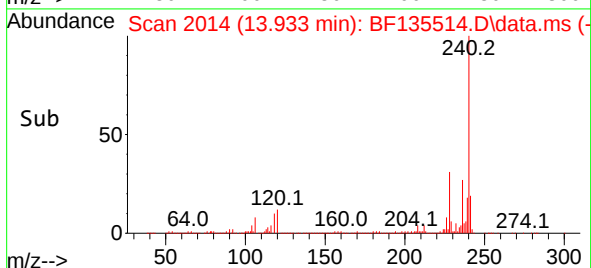
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023

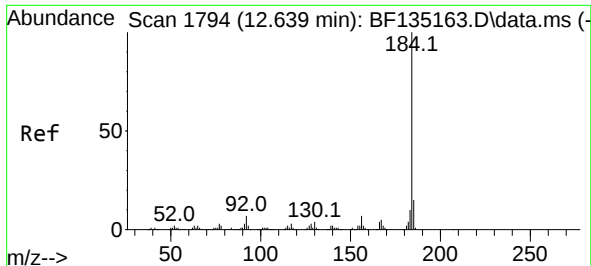


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09



Tgt Ion:240 Resp: 254064
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 27.0 19.8 29.8





#77
Benzidine
Concen: 30.667 ng
RT: 12.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

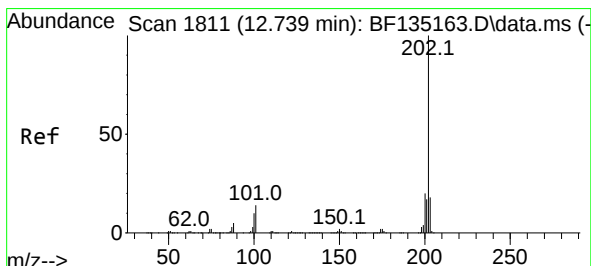
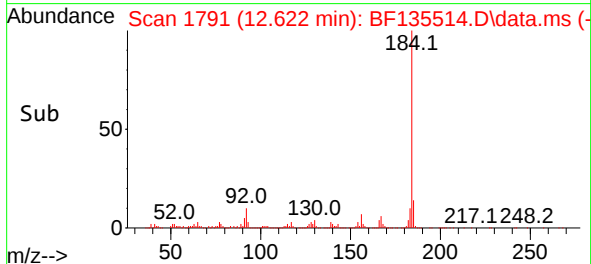
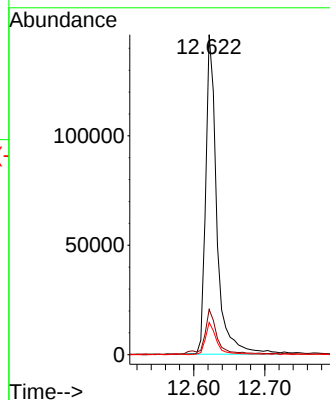
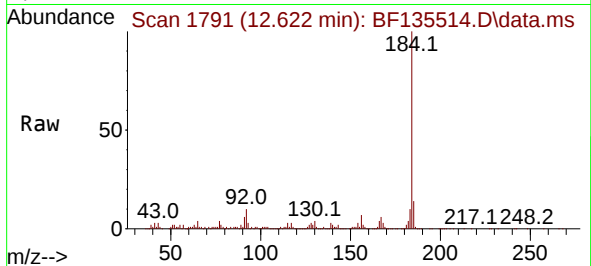
Tgt Ion:184 Resp: 159620
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.1 8.2 12.4

Manual Integrations

APPROVED

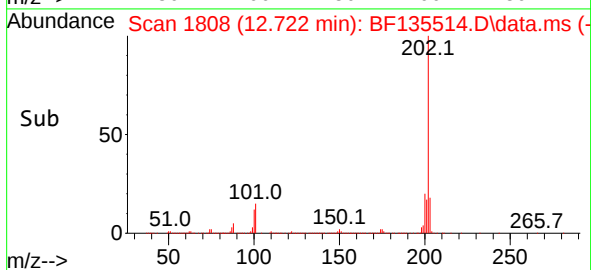
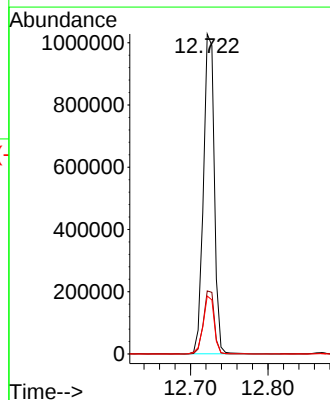
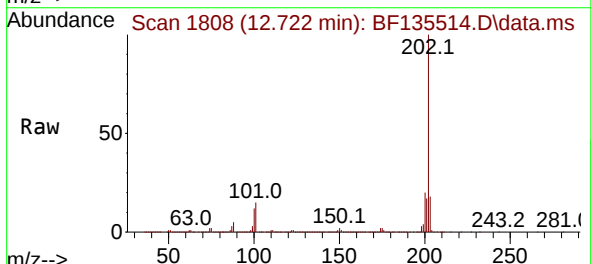
Reviewed By :Yogesh Patel 10/02/2023

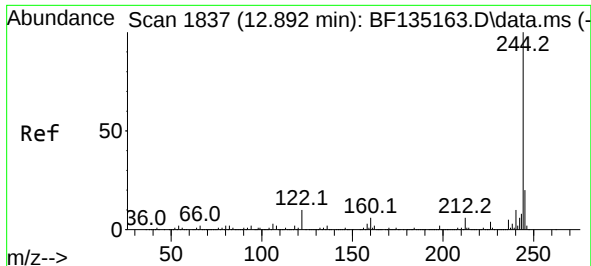
Supervised By :mohammad ahmed 10/03/2023



#78
Pyrene
Concen: 41.350 ng
RT: 12.722 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Tgt Ion:202 Resp: 1000211
Ion Ratio Lower Upper
202 100
200 19.7 16.2 24.2
203 18.1 14.2 21.4





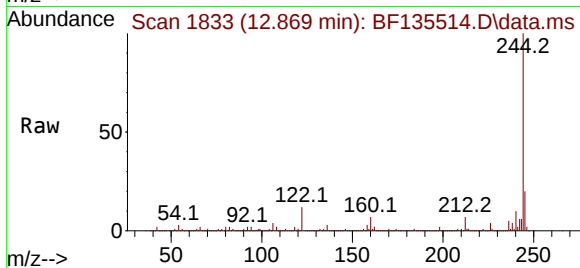
#79
 Terphenyl-d14
 Concen: 73.490 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: BF135514.D
 Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

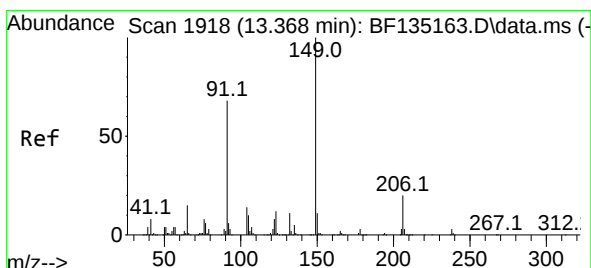
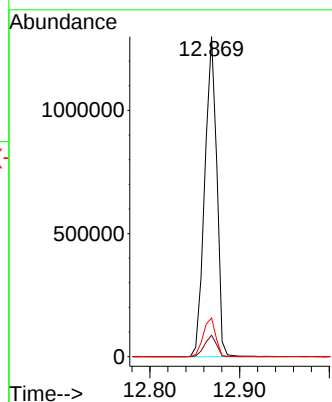
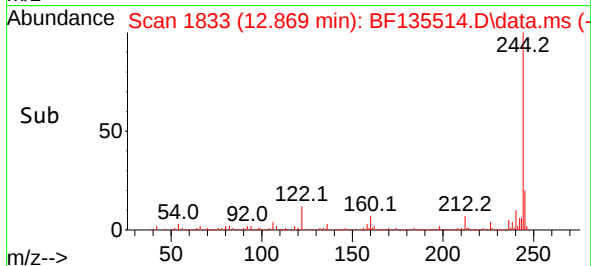


Tgt Ion:244 Resp: 1204438
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 12.1 7.9 11.9

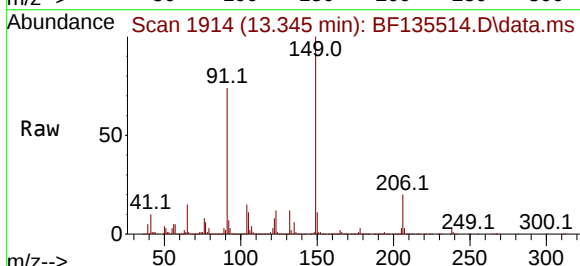
Manual Integrations

APPROVED

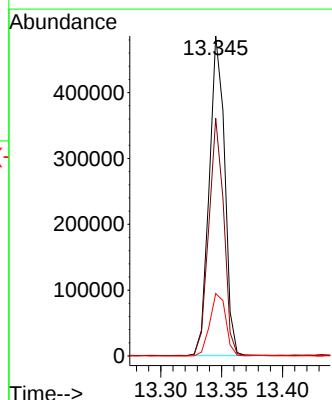
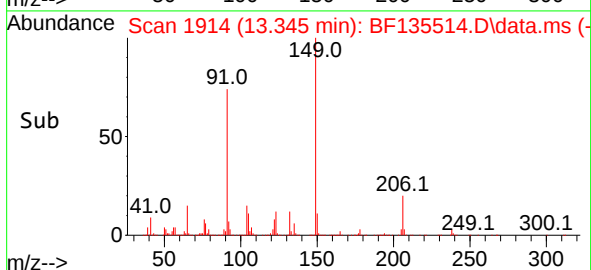
Reviewed By :Yogesh Patel 10/02/2023
 Supervised By :mohammad ahmed 10/03/2023

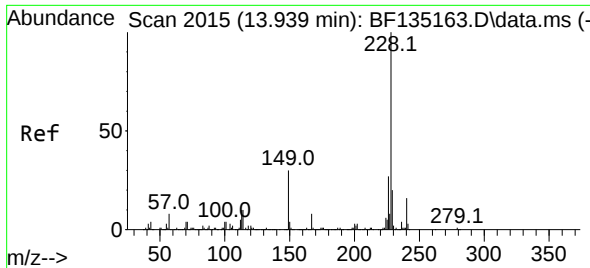


#80
 Butylbenzylphthalate
 Concen: 50.201 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: BF135514.D
 Acq: 29 Sep 2023 14:09



Tgt Ion:149 Resp: 427538
 Ion Ratio Lower Upper
 149 100
 91 74.3 54.7 82.1
 206 19.5 16.3 24.5





#81
Benzo(a)anthracene
Concen: 49.871 ng
RT: 13.922 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

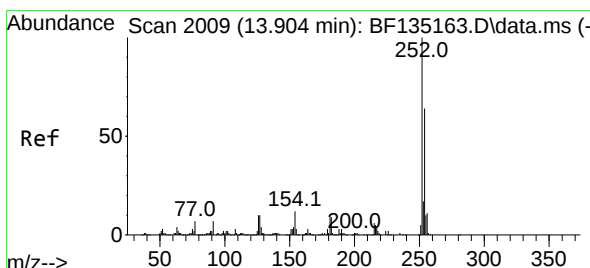
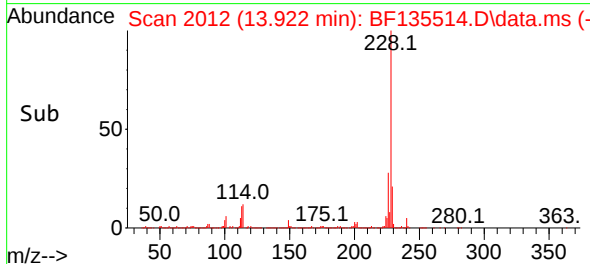
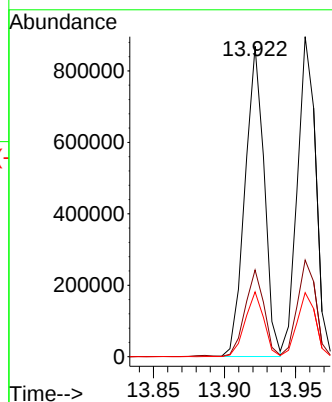
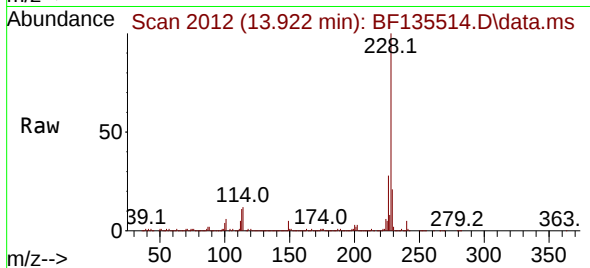
STONE-INMS

Tgt Ion:228 Resp: 81816
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 20.9 15.8 23.8

Manual Integrations

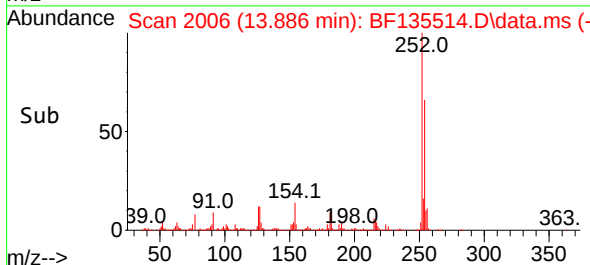
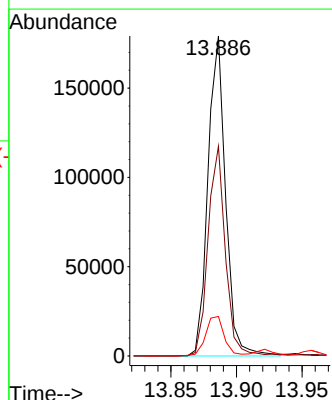
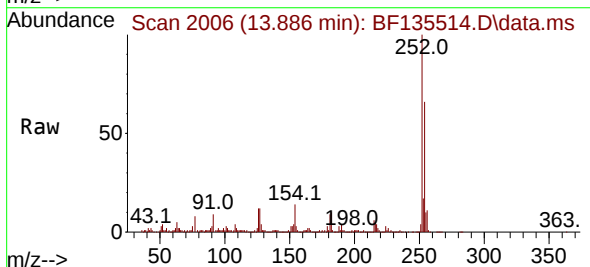
APPROVED

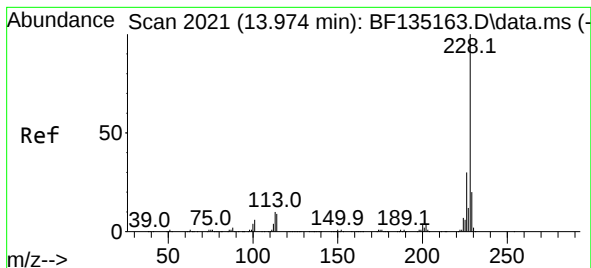
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#82
3,3'-Dichlorobenzidine
Concen: 32.705 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Tgt Ion:252 Resp: 167594
Ion Ratio Lower Upper
252 100
254 65.5 51.0 76.4
126 12.3 7.8 11.8#





#83

Chrysene

Concen: 49.669 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

STONE-INMS

Tgt Ion:228 Resp: 81014

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

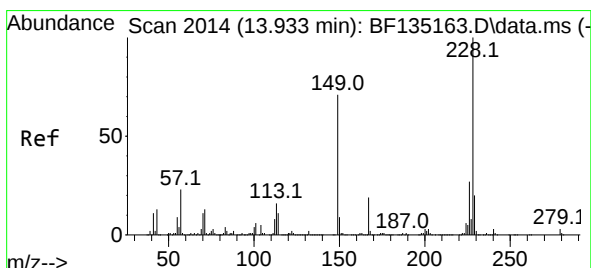
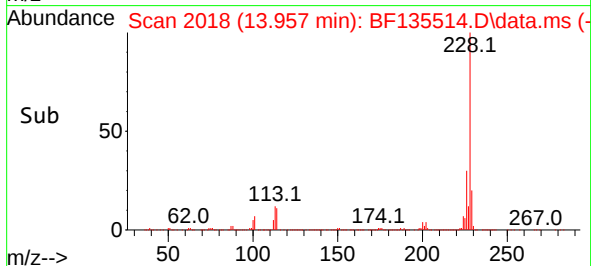
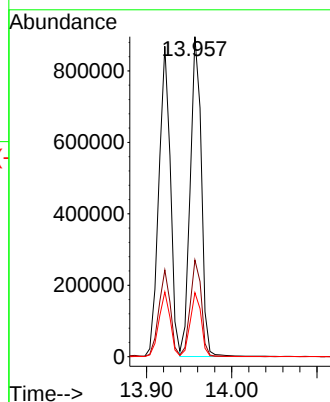
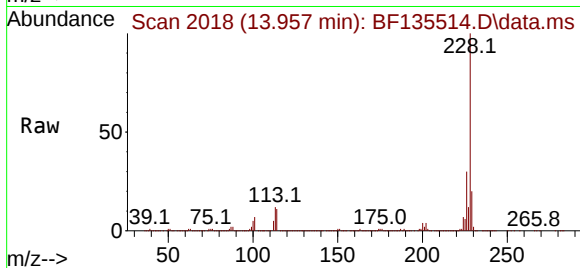
229 20.0 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/02/2023

Supervised By :mohammad ahmed 10/03/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.815 ng

RT: 13.910 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF135514.D

Acq: 29 Sep 2023 14:09

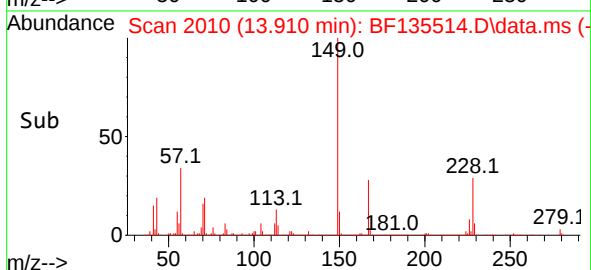
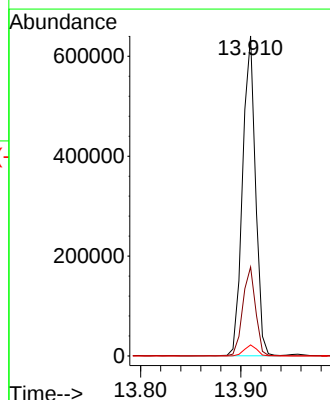
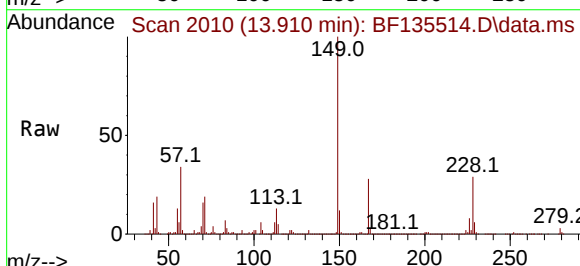
Tgt Ion:149 Resp: 575187

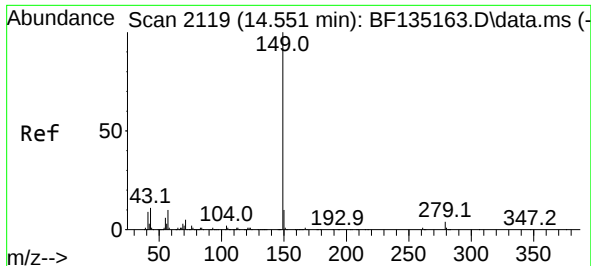
Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

279 3.5 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 75.224 ng
RT: 14.527 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

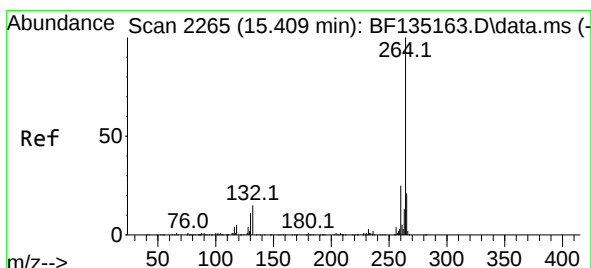
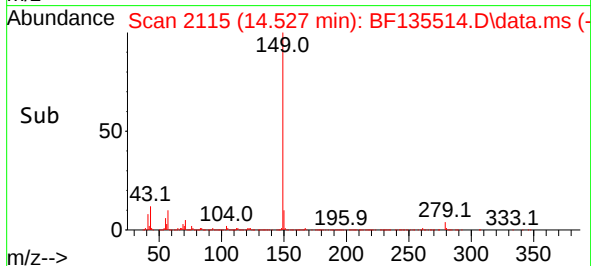
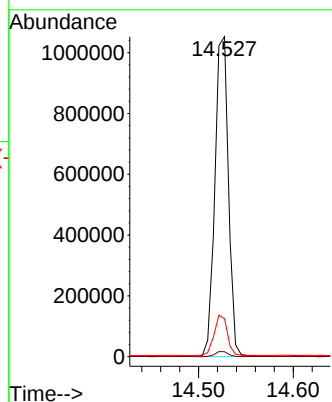
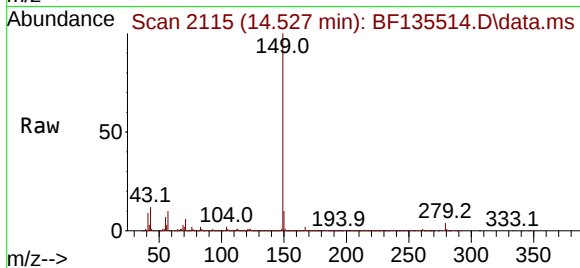
STONE-INMS

Tgt Ion:149 Resp: 104475
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.3 9.8 14.6

Manual Integrations

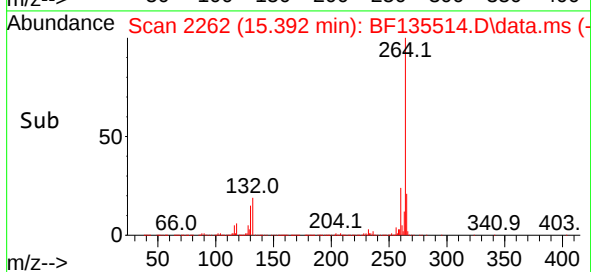
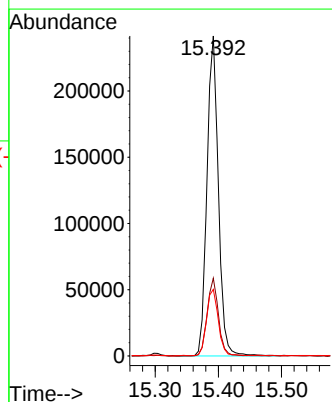
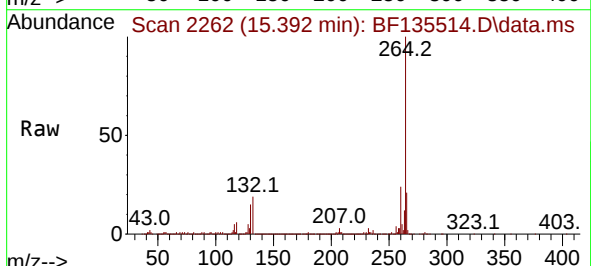
APPROVED

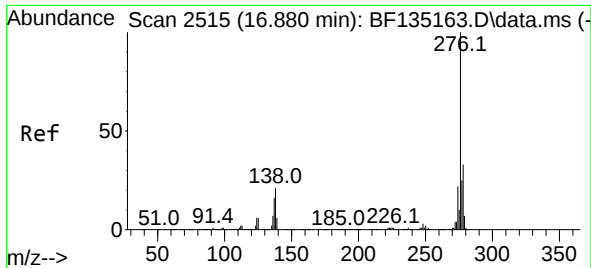
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Tgt Ion:264 Resp: 304026
Ion Ratio Lower Upper
264 100
260 24.3 19.8 29.6
265 20.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.453 ng
RT: 16.874 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

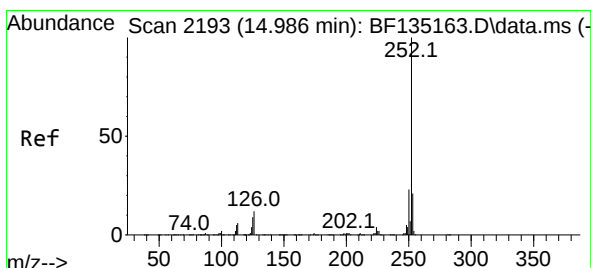
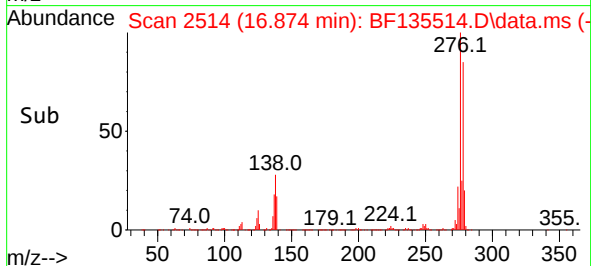
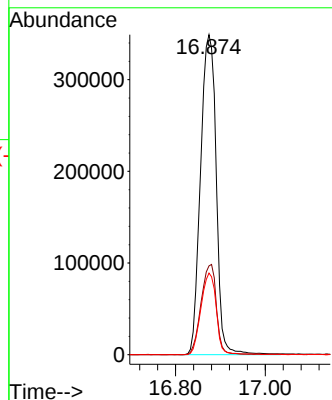
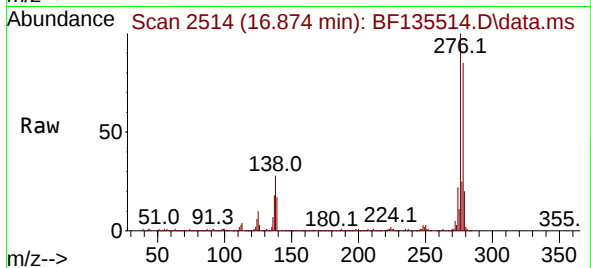
STONE-INMS

Tgt Ion:276 Resp: 846262
Ion Ratio Lower Upper
276 100
138 27.6 19.2 28.8
277 24.9 19.7 29.5

Manual Integrations

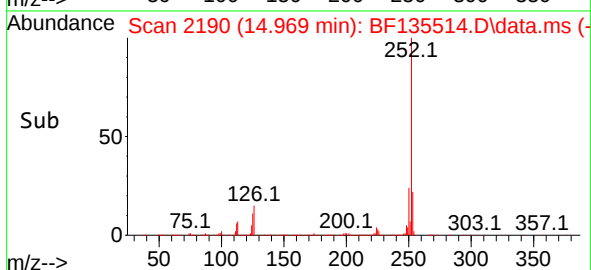
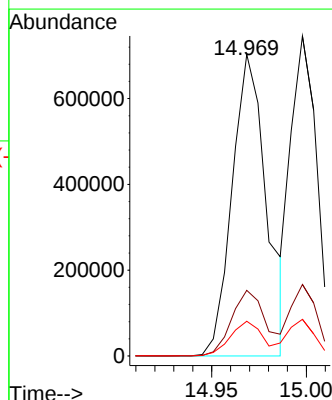
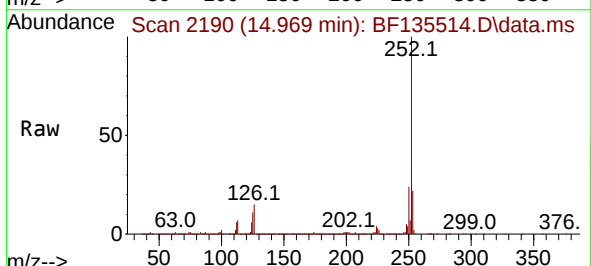
APPROVED

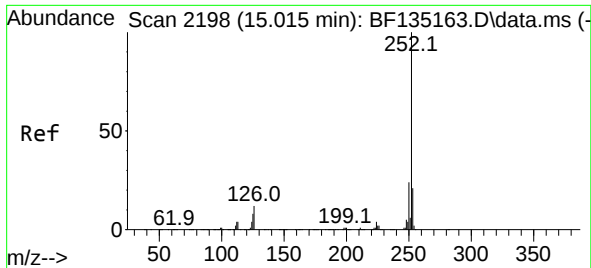
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#88
Benzo(b)fluoranthene
Concen: 53.924 ng
RT: 14.969 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Tgt Ion:252 Resp: 887483
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 11.5 7.1 10.7#





#89
Benzo(k)fluoranthene
Concen: 44.913 ng
RT: 14.998 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

ClientSampleId :

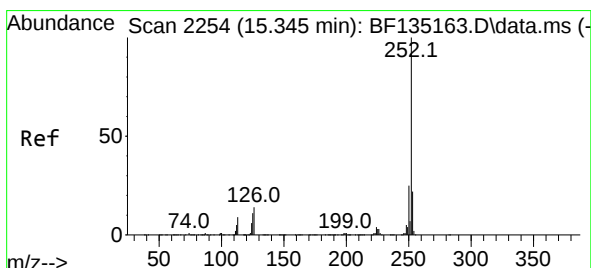
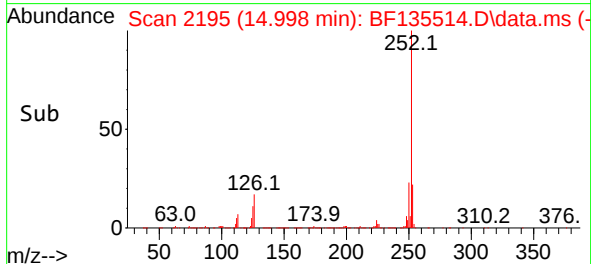
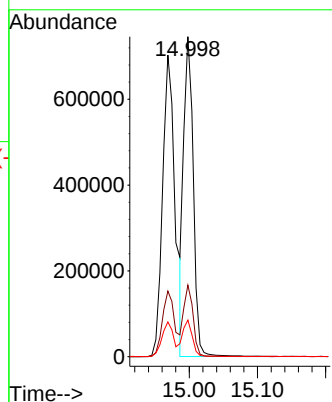
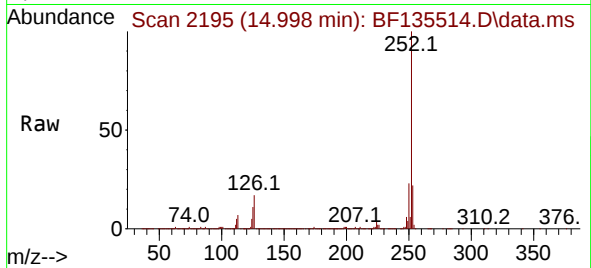
STONE-INMS

Tgt Ion:252 Resp: 730180
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 11.5 7.2 10.8

Manual Integrations

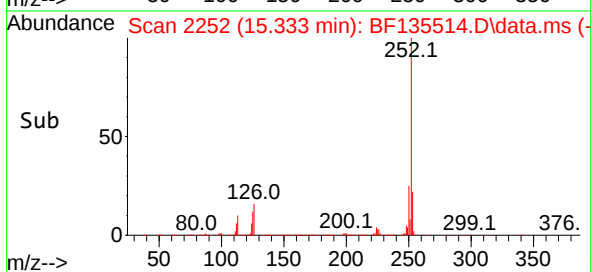
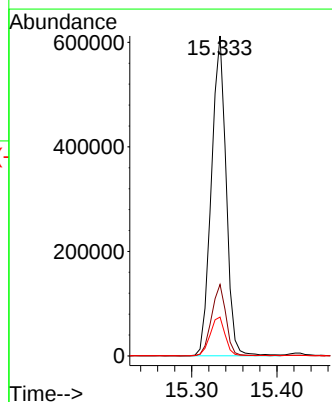
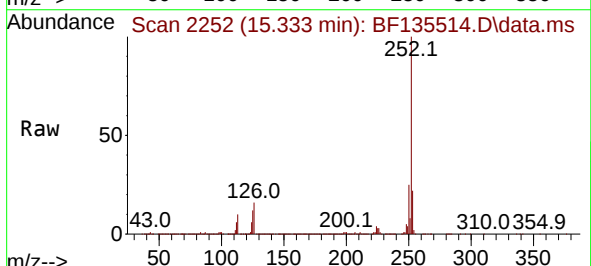
APPROVED

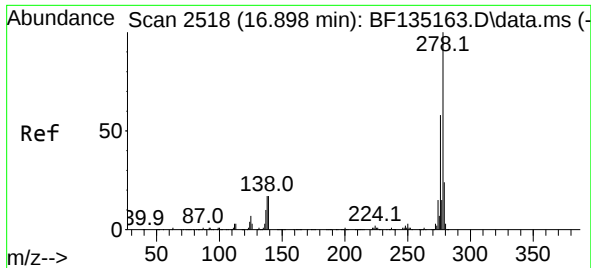
Reviewed By :Yogesh Patel 10/02/2023
Supervised By :mohammad ahmed 10/03/2023



#90
Benzo(a)pyrene
Concen: 46.890 ng
RT: 15.333 min Scan# 2252
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Tgt Ion:252 Resp: 735934
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 12.1 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 42.690 ng
RT: 16.886 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Instrument :

BNA_F

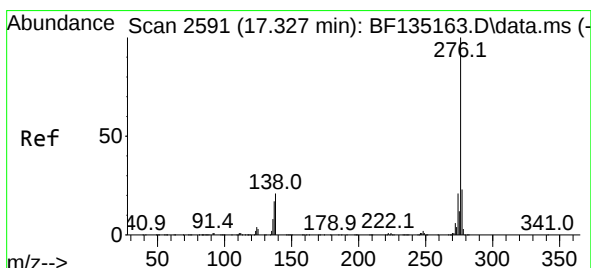
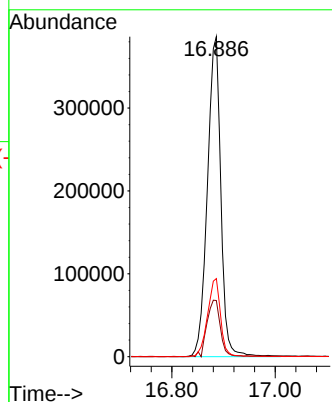
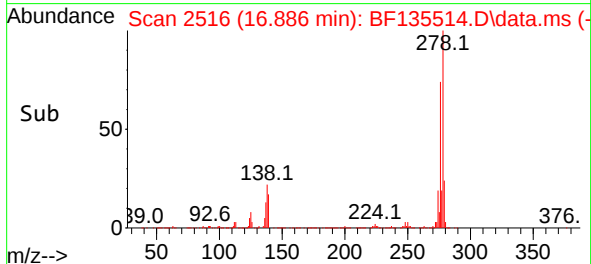
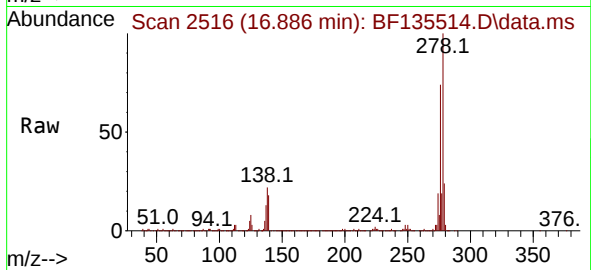
ClientSampleId :

STONE-INMS

Tgt Ion:278 Resp: 69628
Ion Ratio Lower Upper
278 100
139 17.5 13.4 20.0
279 24.4 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: 39.255 ng
RT: 17.315 min Scan# 2589
Delta R.T. -0.006 min
Lab File: BF135514.D
Acq: 29 Sep 2023 14:09

Tgt Ion:276 Resp: 668672
Ion Ratio Lower Upper
276 100
277 24.1 18.8 28.2
138 24.5 16.9 25.3

